



# PRODUCT LIST

 **ALCHIMICA**<sup>®</sup>  
BUILDING CHEMICALS





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**BUILDING CHEMICALS**





# editorial

## editorial



From the smallest roof to the largest projects around the world, **ALCHIMICA S.A.** stands next to you, providing advanced building materials for the completion of your projects. We are proud to design, develop and manufacture products of high technological value that offer to our partners guaranteed long-term performance and reliability.

With complete systems for waterproofing, roofing, flooring, sealing, repairs, adhesives and ETICS, we offer innovative products which cover a vast range of applications. This product list is another useful tool for finding the right solutions that we have created for you.

We produce the necessary tools for you to deliver durable projects.



ALCHIMICA S.A.

# Building Chemicals

ALCHIMICA with 40 years of know-how in research, development and production of building chemicals materials provides solutions for new or existing structures, with an array of solutions for maintenance, repairs and renovations.

Our global recognition in more than 102 countries is directly linked to the efficiency, reliability and durability of our products as well as to our commitment in the development of cutting-edge technology, our quality control processes and to the provision of excellent technical support. Guided by innovation, we cover the needs and trends of the construction industry on a global level.



**SALES**  
IN **102** COUNTRIES

**80%**  
EXPORTS

**20%**  
DOMESTIC



**40**

Years of  
experience  
& innovation



**3**

Production sites  
in Greece



**500**m<sup>2</sup>

State of the art  
R&D Center



**+55.000**m<sup>2</sup>

Production  
area



**35.000** tons

Annual  
production volume



**200**

Employees



ISO 9001  
BUREAU VERITAS  
Certification



ISO 14001  
BUREAU VERITAS  
Certification



ISO 45001  
BUREAU VERITAS  
Certification



CERTIFIED QUALITY, ENVIROMENTAL AND OCCUPATIONAL HEALTH  
AND SAFETY MANAGEMENT SYSTEMS: ISO 9001/14001 & ISO 45001

56 CE  
Certified  
products

ALCHIMICA S.A.

# FIELDS OF ACTIVITY



## ALCHIMICA Cutting Edge Technology

In ALCHIMICA we seek the development of sustainable and competitive solutions that fully meet the needs of international markets. With thorough quality control systems at every stage of the production process, we ensure the production of innovative and reliable products that add value to our partners and set new standards in the construction industry. We are passionate to be part of new construction challenges and therefore we are constantly investing in R&D, as a lever for the development of advanced products that preserve our heritage in innovation.



WATERPROOFING



FLOORING



SEALING



### ■ **Research and development**

The driving force of our company is the state-of-the-art Research and Development center, where the highly trained staff of ALCHIMICA pioneers and continues to meet the challenges of the international market. Most of our products are CE certified and globally recognized for their effectiveness and durability, as they have been used in some of the largest construction projects in the world.

### ■ **Corporate responsibility and environment**

ALCHIMICA is firmly oriented towards sustainable development, reducing its environmental footprint through certified quality management systems in order to develop advanced products that comply with the latest environmental requirements.

### ■ **Quality control & ISO**

With respect for the environment ALCHIMICA applies international practices to ensure the quality control and health and safety environmental systems are implemented, as displayed through our ISO 9001: 2015, ISO 14001: 2015 and ISO 45001: 2018 certifications.

### ■ **Global presence and production**

As a company with a strong international identity, the global business environment has always been the natural ecosystem of ALCHIMICA. For this reason, targeted commercial strategies are developed to serve and meet the needs of different markets worldwide. Today, the company produces more than 30,000 tons per year in 3 production plants, with a total coverage of 55,000 m<sup>2</sup> and maintains an extensive distribution network with a presence in more than 102 countries.

### ■ **Support**

A key pillar for our success in the Greek and international market is the provision of high-quality technical support services. We stand by the side of our partners throughout the implementation of their projects, providing technical assistance and training on our product's characteristics and application methods.



ALCHIMICA S.A.

# ICONS Glossary

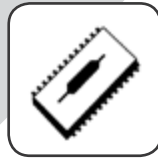
Through our technological superiority we have managed to develop improved polymerization methods and create innovative products that combine polyurethane with materials such as asphalt, water or cementitious mortars. The products of ALCHIMICA have a wide range of properties, are easy and fast to apply, while they offer protection, shielding and durability.



Brush



Low Speed  
Mixing



Trowel



Roller



Airless Spray



UV  
Resistance



CE Certified



Anti-Slip



Potable  
Water



Anti-Root



Caulking Gun



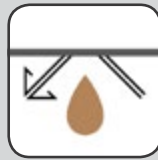
Chemical  
Solvent Free



Radon  
Barrier



Humidity  
& Vapour  
Barrier



Oil Barrier



Spatula  
Tooling



Hand Tooling



TDS  
Download



Water Based



Low Volatile  
Organic Compound



Zero Volatile  
Organic Compound



Non - ADR



Non - IMO

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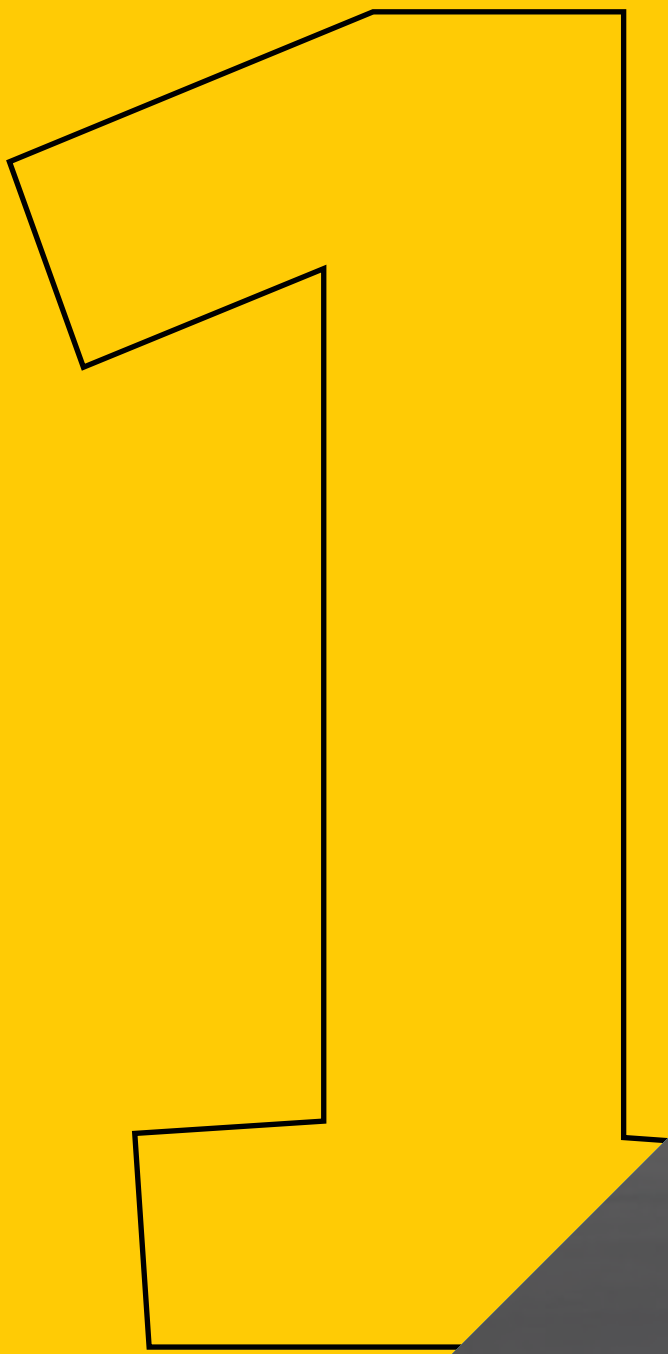
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# **HYPERDESMO®**

**WATERPROOFING MEMBRANES**

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**POLYURETHANE**

**POLYUREA**

**ALIPHATIC & TRANSPARENT**

**ADDITIVES**

## HYPERDESMO®

HYPERDESMO® is a simple solution for waterproofing and protection.

**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resin plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, trowel, roller or airless spraying in two coats.*



**Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE GREY	6kg - 25kg
	TEJA	6kg - 25kg

## HYPERDESMO® CLASSIC

HYPERDESMO® CLASSIC is a simple and economic solution for waterproofing and protection.

**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, trowel, roller or airless spraying in two coats or more.*



**Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE GREY	6kg - 25kg
	TEJA	6kg - 25kg

## HYPERDESMO®-LV

HYPERDESMO®-LV is a low viscosity version of HYPERDESMO®-CLASSIC. The product is resulted from the consideration of the popularity of the spray method of application but also the need to keep dilution as low as possible.

**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resin plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, roller or airless spraying in two or more coats.*



**Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE GREY	1kg - 6kg - 25kg
	WHITE	15kg
	TEJA	1kg - 6kg - 15kg - 25kg

## HYPERDESMO®-C-LV

HYPERDESMO®-C-LV is a low viscosity version of HYPERDESMO®-CLASSIC. The product is resulted from the consideration of the popularity of the spray method of application but also the need to keep dilution as low as possible.

**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, roller or airless spraying in two or more coats.*



		<b>Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING	
	WHITE	25kg	

## HYPERDESMO®ZERO

HYPERDESMO® ZERO is an advanced single component, solvent-less polyurethane waterproofing membrane.

**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, trowel, roller or airless spraying in two coats or more.*



		<b>Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING	
	WHITE GREY	1kg - 6kg - 25kg	

## HYPERDESMO® AQUA

HYPERDESMO® AQUA is a specialized elastomeric waterproofing membrane/coating for vertical and horizontal elements, ideal for application on walls and roofs.

**Characteristics:** It forms a single, elastic membrane ensuring complete and long-lasting waterproofing, painting and protection.

**Properties:** Thixotropic, elastic, with excellent resistance to ponding water, UV radiation and extreme weather conditions for the protection of walls and roofs.

**Usage:** Easily applied in horizontal and vertical surfaces, it forms an elastic and hydrophobic film for waterproofing applications such as concrete roofs, walls, metal roofs, PU foams and more.

*Application by roller, spatula, brush and spray in two or more layers.*



		<b>Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING	
	WHITE GREY	1kg - 6kg - 25kg	
	WHITE	5kg	
	TEJA	1kg - 6kg - 25kg	

**HYPERDESMO®-PARTICULAR**

HYPERDESMO® - PARTICULAR is a thixotropic and fiber-reinforced, polyurethane liquid membrane used for waterproofing and protection of roof detail structures.

**Characteristics:** Single component, fiber-reinforced polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.


**Usage:** Ideal for the treatment of details and flashing points on exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush or spatula.*



**Minimum consumption: 1.2-1.5 kg/m<sup>2</sup>**

COLOR	PACKAGING
GREY	1kg - 5kg



**HYPERDESMO®-HAA**

HYPERDESMO®-HAA is based on ALCHIMICA's unique and innovative Humidity Activated Accelerator technology that incorporates the ACCELERATOR 3000 in a blocked fashion and upon contact with humidity, it is released and self-accelerates the curing of the material. HYPERDESMO®-HAA allows full thickness application in a single coat and eliminates bubbling.

**Characteristics:** Single component, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.


**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, trowel, roller or airless spraying.*



**Minimum consumption: ±1.5 kg/m<sup>2</sup>**

COLOR	PACKAGING
WHITE GREY	25kg



**HYPERDESMO®-S-WR**

HYPERDESMO®-S-WR has been specially developed to offer excellent long term waterproofing, refurbishment and protection of substructures and any application not exposed to UV.

**Characteristics:** Single component, low solvent polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent rheology that allows easy application without sagging on vertical substrates.


**Usage:** Ideal for wet rooms, under TILES applications, substructures and other.

*Apply with brush, trowel, roller or airless spraying.*



**Minimum consumption: ±1.5 kg/m<sup>2</sup>**

COLOR	PACKAGING
BLACK	25kg



## HYPERDESMO® S-2K

HYPERDESMO®-S-2K is a fast curing, very low VOC and high solids content, polyurethane liquid membrane for waterproofing and protection.

**Characteristics:** Two component, fast curing, very low VOC and high solids coating based on high quality elastomeric polyurethane resins.

**Properties:** Highly elastic and thixotropic product, allowing the waterproofing to be done in one coat as it can cure in high thickness without bubbling and in less than 12 hours.

**Usage:** Ideal for the waterproofing of wet rooms, flat roofs (under tiles or screed or protected with an aliphatic top coat), verandas and balconies (under protection).

*Apply with roller or squeegee in one or two coats.*

		<b>Minimum total consumption of 1.5 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING	
	BLACK	14kg (4+10)	
	BLACK	17.5kg (5+12.5)	
	BLACK	28kg (8+20)	

## HYPERDESMO®-2K-W

HYPERDESMO®-2K-W is a 100% solids and solvent-free product certified for waterproofing potable water tanks.

**Characteristics:** Two component, solvent-free, thixotropic coating based on high quality elastomeric polyurethane resins.

**Properties:** Excellent adhesion on most substrates, extremely hydrophobic and hydrolysis resistant, allows application on closed spaces.

**Usage:** Potable water tanks, water tanks made of concrete, steel and other materials, desalination and water treatment plants.

*Apply with brush or roller.*



		<b>Minimum consumption: ±1.5 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING	
	OFF-WHITE	9kg (7.5+1.5)	

**HYPERDESMO®-COLD CURE POLYUREA-2K**

HYPERDESMO® COLD-CURE POLYUREA 2K is a cold-cure polyurea based fire retardant liquid membrane.


**Characteristics:** Two component, rapid curing, forms a bubble free membrane in less than 2 hours.




**Properties:** Highly durable, fire retardant, waterproofing membrane with strong adhesion to many types of surfaces.

**Usage:** TILES (under), polyurethane insulation foams, bathrooms, verandas and balconies, roofs, also roofs of high fire risk plants, e.g. power, chemicals, etc., light roofing made of metal or fibrous cement, asphalt membranes.

*Apply with brush, roller, squeegee or airless spray in one or two coats.*









**Minimum total consumption of 1.5-2 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE	14kg (12.5+1.5)



**HYPERDESMO®-COLD CURE POLYUREA-2K-ZERO**

HYPERDESMO® COLD CURE POLYUREA-2K ZERO is a cold-cure polyurea based liquid membrane.








**Characteristics:** Two component, rapid curing, forms a bubble free membrane in less than 2 hours.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** TILES (under), polyurethane insulation foams, bathrooms, verandas and balconies, roofs, also roofs of high fire risk plants, e.g. power, chemicals, etc., light roofing made of metal or fibrous cement, asphalt membranes.

*Apply with brush, roller, squeegee or airless spray in one or two coats.*










**Minimum total consumption: 1.5-2.0 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE	14kg (12.5+1.5)

**HYPERDESMO®-815**

HYPERDESMO®-815 is a simple and economic solution for waterproofing and protection.







**Characteristics:** Single component, low viscosity, polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.


**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply with brush, trowel, roller or airless spraying in two or more coats.*









**Minimum total consumption: 1.5-1.8 kg/m<sup>2</sup>**

	COLOR	PACKAGING
	WHITE GREY	1kg - 6kg - 25kg
	TEJA	1kg - 6kg - 25kg

## HYPERDESMO®-POLYUREA-2K-HC

HYPERDESMO®-POLYUREA-2K-HC is a hot cure spray applied pure polyurea, certified for potable water tanks.

**Characteristics:** Two component composed of 100% solids

**Properties:** Highly elastic with enhanced adhesion, excellent thermal resistance and excellent mechanical properties.

**Usage:** PU and polystyrene insulation foams, floors, roofs, tanks, drinking water tanks, pipes.

*Apply with plural component spraying equipment.*



	<b>Minimum total consumption: 1.5-2.0 kg/m<sup>2</sup></b>		
	COLOR	PACKAGING	
	GREY	391kg (198+193)	

## HYPERDESMO®-300

HYPERDESMO®-300 is a heavy duty single component liquid applied polyurethane/polyurea waterproofing membrane to have received the ETAG033 CE mark for bridge decks.

**Characteristics:** Single component, thixotropic, with exceptional compatibility with asphalt overlays.

**Properties:** High mechanical, chemical and thermal resistance.

**Usage:** Heavy-duty applications, bridges, swimming pools etc.

*Apply with roller or airless spraying.*



	<b>Minimum consumption: ±2.5 kg/m<sup>2</sup></b>		
	COLOR	PACKAGING	
	GREY	6kg - 25kg	

### HYPERDESMO®-ADY-610

HYPERDESMO®-ADY-610 is a fully **aliphatic**, polyurethane liquid membrane based on Alchimica's HAA - **Humidity Activated Accelerator technology** that allows application in a single coat and is an excellent way to save on labor costs but also to minimize errors that occur with multi-layer applications due primarily to interlayer adhesion failures.

**Characteristics:** Single component, fully aliphatic, self-levelling polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, bitumen membranes refurbishment and protection.

*Apply using brush, roller or airless spraying.*



		<b>Consumption: 1.5-2 kg/m<sup>2</sup></b>	
	COLOR		PACKAGING
	WHITE GREY		1kg - 6kg - 15kg - 25kg

### HYPERDESMO®-ADY 810

HYPERDESMO®-ADY 810 is a heavy duty, fully aliphatic, polyurethane liquid membrane designed for use as a main and/or top coat for traffic deck coating systems. It incorporates Alchimica's HAA - Humidity Activated Accelerator technology that allows application in a single coat and it is an excellent way to save on labor costs but also to minimize errors that occur with multi-layer applications due primarily to interlayer adhesion failures.

**Characteristics:** Single component, fully aliphatic, self-levelling polyurethane fluid based on pure elastomeric hydrophobic polyurethane resins plus special inorganic fillers.

**Properties:** Excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Heavy duty exposed waterproofing applications such as car parking decks, concrete roofs (top-coating HYPERDESMO®), top-coating HYPERDESMO POLYUREA 2K-HC®, as main membrane and top coat application in 1 layer in typical HYPERDESMO® applications.

*Apply using brush, trowel, roller or airless spraying.*



		<b>Consumption: 1.5-2 kg/m<sup>2</sup></b>	
	COLOR		PACKAGING
	WHITE GREY		1kg - 6kg - 15kg - 25kg

### HYPERDESMO®-T

HYPERDESMO®-T is a transparent and fully aliphatic polyurethane liquid waterproofing membrane and stone carpet binder.

**Characteristics:** Single component, high solids polyurethane fluid that cures with the humidity in the atmosphere.

**Properties:** Fully aliphatic, transparent with excellent mechanical, chemical, thermal, UV and natural element resistance properties.

**Usage:** Ideal for verandas, balconies, over tiles, natural stone waterproofing, terraces and as a binder for stone carpets.

*Apply with roller.*



		<b>Consumption: 0.2-1 lt/m<sup>2</sup></b>	
	COLOR		PACKAGING
	TRANSPARENT		1lt - 4lt - 20lt

## THIXO-TOOL

THIXO-TOOL is a unique additive developed by ALCHIMICA in order to solve application difficulties of HYPERDESMO® System Range of products in severely inclined, uneven or completely vertical substrates. The recommended addition ratio is 10-30% depending on the surface inclination, substrate condition and desired final consumption. THIXO-TOOL can be used alongside Accelerator 3000A when the use of the latter is recommended. THIXO-TOOL should not be used with any of the bitumen extended products in the HYPERDESMO®-PB range, one or two component.



Minimum consumption: 3-7 kg/25kg

COLOR	PACKAGING
NEUTRAL	1kg



## ACCELERATOR-3000A

ACCELERATOR-3000A is a high technology curing accelerator specifically designed for HYPERDESMO®, HYPERDESMO®-CLASSIC, HYPERDESMO®-LV and HYPERDESMO®-S. This product has been formulated in order to achieve the best relationship between pot-life and cure speed. Along with improving the dry time of HYPERDESMO® range of products, it boosts the mechanical properties, the hardness and chemical resistance of the coating.



COLOR	PACKAGING
TRANSPARENT	0.5kg - 1kg



## HYPERDESMO®-FR-KIT

HYPERDESMO®-FR-KIT is a fire retardant polyurethane liquid membrane for waterproofing and protection.

**Characteristics:** Fire retardant, non-continuous spread of flame with self-extinguishing characteristics and limited dripping behavior.

**Properties:** Bubble free fast curing, with low heat and smoke release.

**Usage:** Roofs with high fire risks, PU insulation foams, under tiles, verandas, balconies.

*Apply with roller or airless spraying.*



Minimum consumption: ±2.5 kg/m<sup>2</sup>

COLOR	PACKAGING
TRANSPARENT	3kg





# 2





## **HYPERDESMO-PB®**

BITUMEN EXTENDED POLYURETHANE  
WATERPROOFING MEMBRANES

---

**POLYURETHANE - BITUMEN**

**HYPERDESMO®-PB-2K**

HYPERDESMO®-PB-2K is a bitumen-extended polyurethane product, used for waterproofing and protection in horizontal non-exposed applications.

**Characteristics:** Two component, 1:1 by volume, polyurethane fluid based on a pure elastomeric hydrophobic polyurethane resins extended with chemically polymerized virgin bitumen.

**Properties:** Excellent mechanical, chemical, thermal and water vapor barrier properties. Certified anti-root resistance.

**Usage:** Non-exposed waterproofing applications such as foundations, basements, green roofs, inverted insulation applications, podiums and other.

*Apply with brush, trowel roller or airless spraying.*



Minimum consumption: 1.5 lt/m<sup>2</sup>



COLOR	PACKAGING
BLACK	10lt (5+5) - 40lt (20+20)

**HYPERDESMO®-PB-MONO**

HYPERDESMO®-PB-MONO is a thixotropic, bitumen-extended polyurethane product, used for flashing, waterproofing and protection applications especially in vertical substrates.

**Characteristics:** Single component, polyurethane fluid based on a pure elastomeric hydrophobic polyurethane resins extended with chemically polymerized virgin bitumen.

**Properties:** Excellent thixotropic, mechanical, chemical and thermal properties. Certified Radon resistance.

**Usage:** Non-exposed waterproofing applications such as foundations, basements, inverted insulation applications and other.

*Apply with brush or roller.*



Minimum total consumption: 2.0 kg/m<sup>2</sup>



COLOR	PACKAGING
BLACK	5kg - 20kg



### HYPERDESMO<sup>®</sup>- PB-1K

HYPERDESMO<sup>®</sup>-PB-1K is a quick curing, thixotropic paste used for flashing, details and repairs on asphalt membranes and several other types of substrates.








**Characteristics:** Single component, polyurethane fluid based on a pure elastomeric hydrophobic polyurethane resins extended with chemically polymerized virgin bitumen.

**Properties:** Excellent mechanical, chemical, thermal and thixotropic properties with minimum bubbling formation.

**Usage:** Details treatment, flashing and asphalt membrane repairs.

*Apply with brush, roller or spatula.*



    		<b>Minimum total consumption: 1.5 kg/m<sup>2</sup></b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	BLACK	1kg - 4kg - 20kg	
			

### HYPERDESMO<sup>®</sup>-PB-1K-FC

HYPERDESMO<sup>®</sup>-PB-1K-FC is a very fast curing bitumen-extended polyurethane liquid membrane.

**Characteristics:** Single component, self-levelling polyurethane fluid based on a pure elastomeric hydrophobic polyurethane resins extended with chemically polymerized virgin bitumen.

**Properties:** Excellent mechanical, chemical and thermal properties with a fast curing profile and minimum bubbling formation.

**Usage:** Non-exposed waterproofing applications such as foundations, basements, inverted insulation applications and other.

*Apply with brush, trowel, roller or airless spraying.*



     		<b>Minimum total consumption: 2.0 kg/m<sup>2</sup></b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	BLACK	5kg - 25kg	
			



# 5





# AQUASMART®

WATERBORNE POLYURETHANE  
WATERPROOFING MEMBRANES

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**POLYURETHANE**  
**POLYURETHANE - BITUMEN**

### AQUASMART®-PU-2K

AQUASMART®-PU-2K is the first waterborne product worldwide to achieve a 25 year CE mark for waterproofing and protection of roofs.

**Characteristics:** Two component, waterborne, fully aliphatic polyurethane membrane for waterproofing and protection.

**Properties:** Excellent mechanical, chemical, thermal and UV resistance combined with exceptional ease of application.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, PU foams, encapsulation of asbestos roofing and other.


*Apply with brush, roller or airless spraying in two coats.*



CE, T, R, B, UV, WATER BASED, ZERO VOC

**Total consumption: 2-2.7 kg/m<sup>2</sup>**

COLOR	PACKAGING
WHITE	2.425kg (0.025+2.4) - 12.125kg (0.125+12)



### AQUASMART®-HYBRID

AQUASMART®-HYBRID is a waterborne, fast drying Polyurethane/Acryl hybrid coating for protection.

**Characteristics:** Waterborne, fully aliphatic polyurethane membrane for waterproofing and protection.

**Properties:** Thixotropic, seamless, elastic, with excellent stagnating water, weather and UV resistance.

**Usage:** Exposed waterproofing applications such as concrete roofs, metal roofs, PU foams and other.


*Apply with brush, roller or airless spraying in two coats.*



CE, T, R, B, UV, NON IMO, NDM ADR, WATER BASED, ZERO VOC

**Minimum consumption: 1.5 kg/m<sup>2</sup>**

COLOR	PACKAGING
WHITE GREY	5kg - 12kg - 20kg



### AQUASMART®-THERMO

AQUASMART®-THERMO is a waterborne polyurethane based insulating paint for both interior and exterior use.

**Characteristics:** A single component, unique insulating product specifically designed to reduce unwanted heat gains and losses from buildings to which it has been applied.

**Properties:** Excellent insulating properties, thixotropic, remain elastic even in below zero temperatures.

**Usage:** The product is recommended as an insulating paint for both interior and exterior walls.


*Apply with brush or roller, airless spray is possible.*



T, R, B, NON IMO, NDM ADR, WATER BASED, ZERO VOC

**Consumption: 2 lt/m<sup>2</sup>**

COLOR	PACKAGING
OFF-WHITE	1lt - 4lt - 10lt



## AQUASMART®-PB

AQUASMART®-PB is a bitumen extended waterborne coating.

**Characteristics:** Single component, thixotropic, bitumen extended polyurethane membrane for waterproofing and protection.

**Properties:** Thixotropic, seamless, elastic, quick curing, easy to apply and repair.

**Usage:** Foundations, retaining walls and wet rooms.

*Apply with brush, roller or airless spraying in two coats.*



		<b>Minimum consumption: 2-3 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	BLACK	10kg - 17kg

## AQUASMART®-PB-2K THIXO

AQUASMART®-PB-2K THIXO is a two-component fast setting modified bitumen coating with exceptional thixotropic properties which make it ideal for the waterproofing of foundation walls and wet rooms. The powder component contains cement that allows the material to be applied in one coat in very high thickness without cracking.

**Properties:** Water based, fast setting, easy to apply, low temperature flexibility.

**Usage:** Wet rooms, foundations, retaining walls.

*Apply with brush, roller or airless spraying.*



		<b>Minimum consumption: 2-3 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	BLACK	10kg - 17kg

## AQUASMART®-BITUMEN EMULSION

AQUASMART® BITUMEN EMULSION is a bitumen emulsion sealer and damp-proofer.

**Characteristics:** Thixotropic, premium, quick setting bitumen emulsion.

**Properties:** Easy to apply & repair, thixotropic, seamless, quick setting.

**Usage:** Ideal for damp-proofing below grade foundation and walls as well as wet rooms and under TILE applications.

*Apply with brush, roller or airless spraying in one or two coats.*



		<b>Minimum total consumption of 2-3 kg/m<sup>2</sup></b> (depending on application)
	COLOR	PACKAGING
	BLACK	10kg - 17kg





# PRIMERS

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POLYURETHANE  
EPOXY - ACRYLIC

### MICROSEALER-50

MICROSEALER-50 is a polyurethane based primer/concrete sealer for both porous & non-porous substrates.






**Characteristics:** Single component with very low viscosity, deep penetrating, slow cure (next day) primer, which has excellent wetting, impregnation and paint-over time on different substrates, whether of high or low porosity.


**Properties:** Sealing and stabilizing the substrate, insuring good adhesion of the main coat.

**Usage:** Concrete, humid concrete, metal/steel, porous ceramic TILES, gypsum boards.

*Apply with brush, roller or airless spraying.*



   		<b>Minimum consumption: 100-300 ml/m<sup>2</sup></b> (depending on substrate porosity)	
	COLOR		PACKAGING
	TRANSPARENT		1lt - 4lt - 20lt



### GEODESMO-50-PRIMER

GEODESMO-50 is a polyurethane based primer with fast curing profile (same day primer), which allows it to be used more successfully in colder climates, and when rain is not very predictable.





**Characteristics:** Single component, fast curing, excellent wetting, impregnation and paint-over time.


**Properties:** Sealing and stabilizing the substrate, insuring good adhesion of the main coat.

**Usage:** Concrete, humid concrete, metal/steel.

*Apply with brush, roller or airless spraying.*



  		<b>Minimum consumption: 100-500 ml/m<sup>2</sup></b> (depending on substrate porosity)	
	COLOR		PACKAGING
	TRANSPARENT		1lt - 4lt - 20lt



### MICROPRIMER-PU

MICROPRIMER-PU is a polyurethane based fully aliphatic and non-yellowing primer/concrete sealer for both porous & non-porous substrates.





**Characteristics:** Single component with low viscosity and balanced curing speed, which result in excellent wetting, impregnation and paint-over time on different substrates, whether of high or low porosity.


**Properties:** Aliphatic and non-staining.

**Usage:** Primer for HYPERSEAL® sealants when a non-staining primer is required. Also suitable for concrete, metal/steel, porous ceramic tiles. Primer also for transparent PU coatings over porous TILES.

*Apply with brush or roller.*



  		<b>Minimum consumption: 50-200 ml/m<sup>2</sup></b> (depending on substrate porosity)	
	COLOR		PACKAGING
	TRANSPARENT		200ml - 1lt - 4lt - 20lt



## MICROSEALER-PU

MICROSEALER-PU is a 100% solids, solvent-free polyurethane based primer suitable for both porous & non-porous substrates.

**Characteristics:** Single component with very low viscosity, deep penetrating, slow cure (next day) primer, which has excellent wetting, impregnation and paint-over time on different substrates, whether of high or low porosity. Non-IMO, non-ADR product.

**Properties:** Sealing and stabilizing the substrate, insuring good adhesion of the main coat.

**Usage:** Concrete, humid concrete, metal/steel, porous ceramic tiles, gypsum boards.

*Apply with brush, roller or airless spraying.*



				<b>Minimum consumption: 100-500 gr/m<sup>2</sup></b> (depending on substrate porosity)	
	<b>COLOR</b>		<b>PACKAGING</b>		
	TRANSPARENT		1lt - 5lt - 20lt		

## UNIVERSAL PRIMER-2K-4060

UNIVERSAL PRIMER-2K-4060 is a solvent free polyurethane primer, bitumen and oil barrier.

**Characteristics:** Two component, zero VOC, ideal for use in cold climates.

**Properties:** Rapid curing.

**Usage:** Bitumen membranes refurbishment and protection, asphaltic membranes refurbishment and protection, concrete, humid concrete.

*Apply with brush or roller.*



				<b>Minimum consumption: As primer 100-200 gr/m<sup>2</sup></b>	
	<b>COLOR</b>		<b>PACKAGING</b>		
	TRANSPARENT		1kg (0.4+0.6) - 4kg (1.6+2.4) - 20kg (8+12)		

## PRIMER-PU

PRIMER-PU is a very fast polyurethane based primer that has been specially designed to enhance the adhesion of polyurethane high solids products on porous substrates.

**Characteristics:** Single component with low viscosity polyurethane primer.

**Usage:** Porous concrete, plaster, wood, concrete sealing, ideal for protection of metal structures against corrosion.

*Apply with brush, roller or airless spraying.*



		<b>Maximum consumption: 150 ml/m<sup>2</sup></b>			
	<b>COLOR</b>		<b>PACKAGING</b>		
	TRANSPARENT		200ml - 1lt - 5lt - 20lt		

### PRIMER-TPO/FPO

PRIMER-TPO/FPO is a cleaning agent and primer for existing TPO/FPO membranes, prior to the application of HYPERDESMO® and HYPERSEAL® products.

**Characteristics:** Single component with low viscosity.

**Properties:** Extremely quick curing. **Usage:** TPO/FPO membranes.

*Apply with brush or roller.*



**Consumption: 50-100 ml/m<sup>2</sup>**

	COLOR	PACKAGING
	TRANSPARENT	1lt - 20lt

### PRIMER-PVC

PRIMER-PVC is a cleaning agent and primer for existing PVC membranes prior to the application of HYPERDESMO® and HYPERSEAL® products. **Characteristics:** Single component with low viscosity.

**Properties:** Extremely quick curing. **Usage:** PVC membranes.



**Consumption: 100 ml/m<sup>2</sup>**

	COLOR	PACKAGING
	TRANSPARENT	1lt - 20lt

### PRIMER-T

PRIMER-T is a primer/activator specially designed to secure the adhesion of HYPERDESMO®-T on non-porous, glazed substrates.

**Characteristics:** Single component, color-less, non-staining and extremely quick curing

**Properties:** Composed of a moisture reacting organosilane in a mixture of solvents and additives to ensure overall wetting. **Usage:** Glazy TILES and glass.

*Apply minimal amount of primer by dry cloth.*



**Maximum consumption: 50-60 ml/m<sup>2</sup>**

	COLOR	PACKAGING
	TRANSPARENT	1lt - 4lt - 20lt

### PRIMER-W

PRIMER-W is a waterborne primer/activator, specially designed to secure the adhesion of HYPERDESMO®-T on non-porous substrates.

**Characteristics:** Single component, zero VOC, color-less, non-staining.

**Properties:** Composed of a moisture reacting organosilane in a mixture of solvents and additives to ensure overall wetting. **Usage:** Glazy TILES and glass in indoor applications.

*Apply minimal amount of primer by dry cloth.*



**Maximum consumption: 50-60 ml/m<sup>2</sup>**

	COLOR	PACKAGING
	TRANSPARENT	1lt - 5lt

## AQUASMART®-PU PRIMER 2K

AQUASMART®-PU PRIMER 2K is a revolutionary very fast curing waterborne polyurethane primer/coating.

**Characteristics:** Two component, 1:1 by volume, zero VOC, suitable for application in closed spaces

**Properties:** Low odor and non-flammable with low viscosity and long pot life, yet fast curing.

**Usage:** Concrete, humid concrete, metal/steel, aluminium, glass and wood.

*Apply with brush, roller or airless spraying.*



		<b>Minimum consumption: As primer 150 gr/m<sup>2</sup></b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	TRANSPARENT	7.2kg (4+3.2) - 1.8kg (1+0.8)	

## AQUADUR

AQUADUR is a waterborne epoxy primer/coating, certified as Class III water and humidity barrier.

**Characteristics:** Two component, zero VOC, suitable for application in closed spaces

**Properties:** Low odor and non-flammable with good mechanical properties and abrasion resistance

**Usage:** Concrete, humid concrete, metal/steel, aluminium, glass and wood.

*Apply with brush, roller or airless spraying.*



		<b>Minimum consumption: As primer 150-200 gr/m<sup>2</sup>   As water vapor barrier 500-600 gr/m<sup>2</sup></b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	TRANSPARENT	1kg (0.75+0.25) - 4kg (3+1) - 10kg (7.5+2,5)	

## AQUASMART®-DUR

AQUASMART®-DUR is a revolutionary waterborne epoxy primer/coating and humidity barrier.

**Characteristics:** Two component, 1:1 by volume, zero VOC, suitable for application in closed spaces

**Properties:** Low odor and non-flammable with low viscosity and long pot life.

**Usage:** Concrete, humid concrete, metal/steel, aluminium, glass and wood.

*Apply with brush, roller or airless spraying.*



		<b>Minimum consumption: As primer 150-200 gr/m<sup>2</sup>   As humidity barrier 500-600 gr/m<sup>2</sup></b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	WHITE	2kg (1+1) - 8kg (4+4)	

## HYGROSMART®-GD PRIMER

HYGROSMART®-GD PRIMER is a multipurpose primer, based on synthetic acrylic resins and quartz aggregates,

**Characteristics:** Single component, easy to apply, suitable for indoor and outdoor applications.

**Usage:** Application of plasters on concrete wall blockwork, floor adhesion enhancer on ceramic TILES and natural stones.

*Apply with brush or roller.*



		<b>Minimum consumption: 0,20-0,30 kg/m<sup>2</sup> depending on substrate absorption</b>	
	<b>COLOR</b>	<b>PACKAGING</b>	
	NEUTRAL - TEJA	1kg - 5kg - 15kg	





# ALIPHATIC TOP COATS & PROTECTIVE COATINGS

POLYURETHANE  
WATERBORNE POLYURETHANE

**HYPERDESMO®-ADY**

HYPERDESMO®-ADY is a fully aliphatic polyurethane based top-coat for high traffic flooring applications.

**Characteristics:** Single component, transparent, glossy. May be pigmented with ALCHIMICA's pigment pastes.

**Properties:** Excellent hiding power, traffic resistance. Appropriate for anti-slip systems. Excellent UV, mechanical and chemical properties.

**Usage:** Top-coat over flooring applications.

*Apply with brush, roller or airless spraying.*



Minimum consumption per coat: 0.100 lt/m <sup>2</sup>	
COLOR	PACKAGING
TRANSPARENT	1lt - 4lt - 20lt

**HYPERDESMO®-ADY-2K**

HYPERDESMO®-ADY-2K is a solvent-less, 100% solids, fully aliphatic, hard traffic polyurethane top-coat/paint.

**Characteristics:** Two-component, fully aliphatic, non-yellowing.

**Properties:** Excellent hiding power, abrasion resistance. Appropriate for anti-slip systems. Excellent UV, mechanical and chemical properties.

**Usage:** Top-coat over flooring systems, hot cure spray application polyurea. Application indoors possible.

*Apply with roller or rubber squeegee.*



Maximum total consumption: 0.500 kg/m <sup>2</sup>	
COLOR	PACKAGING
NEUTRAL	4.5kg (1.5+3) - 15kg (5+10)
WHITE	4.5kg (1.5+3) - 15kg (5+10)

**HYPERDESMO®-ADY-100**

HYPERDESMO®-ADY-100 is a solvent-less, transparent and matte polyurethane based top-coat.

**Characteristics:** 100% solids, single component, aliphatic, non-yellowing.

**Properties:** Excellent heat and UV resistance, outstanding resistance to chemicals and mechanical stresses.

**Usage:** Top-coat over flooring applications, concrete and micro-cement mortars sealer.

*Apply with roller.*



Consumption per coat: 50 gr/m <sup>2</sup>	
COLOR	PACKAGING
TRANSPARENT	1kg - 5kg



## HYPERDESMO®-ADY-E

HYPERDESMO®-ADY-E is an elastic fully aliphatic, high traffic polyurethane based top-coat for the HYPERDESMO® system.








**Characteristics:** Semi-glossy, single component, fully aliphatic, non-yellowing.

**Properties:** Excellent hiding power, high traffic resistance. Appropriate for anti-slip systems. Excellent UV, mechanical and chemical properties.

**Usage:** Top-coat over HYPERDESMO® products and flooring applications.

*Apply with brush, roller or airless spraying.*



     	<b>Consumption: 0.200-0.600 kg/m<sup>2</sup></b> (depending on traffic conditions)		
	COLOR	PACKAGING	
	NEUTRAL	1kg - 4kg - 20kg	
	WHITE / GREY	1kg - 4kg - 20kg	

## HYPERDESMO®-ADY-E (TRANSPARENT)

HYPERDESMO®-ADY-E (TRANSPARENT) is an elastic, fully aliphatic, high traffic and transparent polyurethane based top-coat for the HYPERDESMO® system.







**Characteristics:** Glossy, single component, fully aliphatic, non-yellowing. For color protection, it must be pigmented using ALCHIMICA's pigment pastes.

**Properties:** Excellent hiding power, high traffic resistance. Appropriate for anti-slip systems. Excellent UV, mechanical and chemical properties.

**Usage:** Top-coat over HYPERDESMO® products, flooring applications and varnish.

*Apply with brush, roller or airless spraying.*



     	<b>Consumption: 0.200-0.600 kg/m<sup>2</sup></b> depending on traffic conditions		
	COLOR	PACKAGING	
	TRANSPARENT	1lt - 4lt - 20lt	

**HYPERDESMO®-ADY 500**

HYPERDESMO®-ADY 500 is a fully aliphatic polyurethane based top-coat for moderate traffic HYPERDESMO® system applications.

**Characteristics:** Single component, fully aliphatic, non-yellowing.

**Properties:** Excellent hiding power and excellent UV, mechanical and chemical properties.

**Usage:** Top-coat over HYPERDESMO® products.

*Apply with brush, roller or airless spraying.*



**Consumption: 0.200-0.500 kg/m<sup>2</sup>** (depending on traffic conditions)

COLOR	PACKAGING
WHITE / GREY / TEJA	1kg - 5kg - 15kg

**PU-FINISH MATTE**

PU-FINISH MATTE is a fully aliphatic transparent polyurethane top-coat that offers satin finish.

**Characteristics:** Single component, low viscosity, aliphatic

**Properties:** Excellent thermal, mechanical, UV and chemical resistance.

**Usage:** Metal structures, concrete, industrial floors.

*Apply with brush or roller.*



**Minimum total consumption: 0.100-0.200 lt/m<sup>2</sup>**

COLOR	PACKAGING
TRANSPARENT	1lt - 4lt - 20lt

**HYPERDESMO®-D**

HYPERDESMO®-D is a one component polyurethane liquid paint for waterproofing and protection.

**Characteristics:** Single component, ideal for protecting metals against corrosion as a top coat.

**Properties:** Excellent thermal, mechanical and chemical resistance.

**Usage:** Metal structures, concrete, industrial floors, tanks for chemicals, wastewater treatment tanks.

*Apply with brush, roller or airless spraying.*



**Maximum consumption: 0.300 lt/m<sup>2</sup>** (depending on traffic conditions)

COLOR	PACKAGING
TRANSPARENT	5lt - 20lt
GREY	5lt - 20lt



## AQUASMART®-TC-ANTI STAIN

AQUASMART® -TC 2K-ANTI STAIN is a unique waterborne anti-stain top-coat for porous surfaces and a concrete sealer.

**Characteristics:** Two component, fully aliphatic, non-staining

**Properties:** Excellent UV resistance, excellent interlayer adhesion, long pot life.

**Usage:** Flooring applications, protection of self-levelling concrete. Sealer of concrete and other porous substrates.

*Apply with brush or roller.*



		<b>Minimum consumption: 0.150 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	TRANSPARENT	1.03kg (0.23+0.8) - 3.9kg (0.9+3)

## AQUASMART®-TC 2K FLOOR PROTECT

AQUASMART® -TC 2K FLOOR PROTECT is unique waterborne coating, with anti-stain properties, highly recommended as a top coat for the protection of epoxy and polyurethane self-levelling floors.

**Characteristics:** Two component, fully aliphatic, non-staining

**Properties:** Excellent UV, chemical, water and abrasion resistance.

**Usage:** Flooring applications, car park final protective layer/traffic line marking, industrial paint.

*Apply with brush or roller.*



		<b>Minimum consumption: 0.150 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	TRANSPARENT	0.96kg (0.16+0.8) - 4.80kg (0.8+4)

## AQUASMART®-TC 2K POOL PROTECT

AQUASMART® -TC 2K POOL PROTECT is a waterborne top-coat for UV protection of pool coatings.

**Characteristics:** Two component, fully aliphatic with exceptional resistance to chlorine treated water.

**Properties:** Extreme UV resistance even in dark colors, thixotropic, excellent resistance to staining.

**Usage:** Top-coat for UV protection of pool coatings.

*Apply with brush or roller.*



		<b>Minimum consumption: 0.150 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	LIGHT BLUE - WHITE	0.96kg (0.16+0.8)



# 6





# **HYPERSEAL®**

SEALANTS & ADHESIVES

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**POLYURETHANE**

## HYPERSEAL®-EXPERT-150

HYPERSEAL®-EXPERT-150 is a novel low modulus expansion joint polyurethane sealant.







**Characteristics:** One component, especially formulated to ensure bubble free cure even at very high temperature and humidity climatic conditions and can stay exposed to UV.

**Properties:** Thixotropic with a 50% joint movement accommodation factor and excellent adhesion on substrates such as e.g. glass, aluminum, steel, polycarbonate, etc.

**Usage:** Insitu and precast concrete, expansion concrete panels, flooring applications, bricks and blocks work, swimming pools, metal frames, aluminium windows and panels, irrigation channels, glass, granite, marble.

The extrusion rate and tooling of the sealant remain the same throughout a very wide range of temperature and humidity conditions.



   				
		COLOR	PACKAGING	
		WHITE / GREY / BEIGE	300cc - 600cc	
		BLACK / RED / BROWN	300cc - 600cc	

## HYPERSEAL®-EXPERT-BUILDING

HYPERSEAL®-EXPERT-BUILDING is a novel low modulus expansion joint polyurethane sealant, not recommended for direct UV exposure.




**Characteristics:** One component, especially formulated to ensure bubble free cure even at very high temperature and humidity climatic conditions.

**Properties:** Thixotropic with a 50% joint movement accommodation factor and excellent adhesion on substrates such as e.g. glass, aluminum, steel, polycarbonate, etc.

**Usage:** Insitu and precast concrete, expansion concrete panels, bricks and blocks work, swimming pools, metal frames, aluminium windows and panels, irrigation channels, glass, granite, marble.

The extrusion rate and tooling of the sealant remain the same throughout a very wide range of temperature and humidity conditions. It always need to be overpainted.







 				
		COLOR	PACKAGING	
		WHITE / GREY	600cc	

## HYPERFIX-PUD-FC

HYPERFIX – PUD-FC is a new generation, water-based polyurethane sealant which is based on ALCHIMICA's innovative water based polyurethane dispersion technology.

It can be applied in both internal and external applications and it can accommodate joint movement up to 12.5%. Additionally, the sealant retains its elasticity even at temperatures of -15°C.



 				
		COLOR	PACKAGING	
		WHITE	600cc	

## HYPERSEAL®-25LM-S

HYPERSEAL®-25LM-S is a low modulus sealant especially formulated to contain both PU and silylated-PU technology.

**Characteristics:** One component and UV resistant.

**Properties:** Thixotropic with a 50% joint movement accommodation factor and excellent adhesion on substrates such as e.g. glass, aluminum, steel, polycarbonate, etc.

**Usage:** Insitu and precast concrete, expansion concrete panels, bricks and blocks work, swimming pools, metal frames, aluminium windows and panels, irrigation channels, glass, granite, marble. The extrusion rate and tooling of the sealant remain the same throughout a very wide range of temperature and humidity conditions.



	COLOR	PACKAGING
	WHITE / GREY / BEIGE	600cc
	RED / BLACK / BROWN	600cc

## HYPERSEAL®-50FC-S

HYPERSEAL®-50FC-S is a unique high modulus, fast curing PU-based sealant/adhesive that contains both PU and silylated PU technology.

**Characteristics:** One component, specifically formulated to contain both PU and silylated PU technology, thus incorporating the best properties of both technologies.

**Properties:** Thixotropic with rapid curing and early grab adhesion, UV resistant.

**Usage:** Metal frames, aluminium windows and panels, irrigation channels, glass, granite, marble, flooring applications.

The extrusion rate and tooling of the sealant remain the same throughout a very wide range of temperature and humidity conditions



	COLOR	PACKAGING
	WHITE / GREY / BEIGE	600cc
	RED / BLACK / BROWN	600cc

## HYPERSEAL®-EXPERT-60 FC

HYPERSEAL®-EXPERT-60 FC is a fast curing, high hardness, chemical resistant polyurethane sealant

**Characteristics:** Single component with excellent chemical resistance and is recommended in applications of sealing joints where contact with water polluting liquids occurs.

**Properties:** Excellent adhesion on almost any type of surface, with or without the use of special primers, excellent chemical resistance. Microorganism and fungus resistant

**Usage:** Direct glazing applications, automotive glass replacement, floor joints in petrol stations, joints in secondary containment, metal frames, aluminum windows and panels.



	COLOR	PACKAGING
	WHITE / GREY	600cc

## HYPERSEAL®-2K-F


HYPERSEAL®-2K-F is a pourable liquid applied polyurethane sealant ideal for large horizontal construction joints and airport runways.


**Characteristics:** Two component, resistance to jet fuel.

**Properties:** Provides significant waterproofing with excellent resistance to chemicals and various climatic and temperature conditions.

**Usage:** Large expansion construction joints, airport runways, water tanks, irrigation channels.



COLOR		PACKAGING
	GREY	6kg (2+4) - 12kg (4+8)



## AQUASMART® THERMO-SEALER


AQUASMART® THERMO-SEALER is a waterborne lightweight insulating putty/sealant.


**Characteristics:** One component, polyurethane putty, easily applied by caulking gun.

**Properties:** Thixotropic, aliphatic and elastomeric and is easily over painted without requiring sanding.

**Usage:** Concrete, stucco, over old acrylic paints, wood, old plaster boards, both indoors and outdoors.



COLOR		PACKAGING
	WHITE	600cc







# 7





# FLOORING

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POLYURETHANE  
EPOXY

### HYPERFLOOR-2K

HYPERFLOOR-2K is a self-levelling polyurethane flooring resin.

**Characteristics:** Two component, solvent-free, slightly elastic.

**Properties:** Crack bridging capabilities, allows single coat thick applications.

**Usage:** Industrial floors, food, chemical, and pharmaceuticals industries, refrigeration cells.

*Apply with roller, trowel and squeegee.*



	<b>Consumption: 1.3 kg/m<sup>2</sup> gives approx. 1 mm of thickness</b>		
	<b>COLOR</b>	<b>PACKAGING</b>	
	GREY / NEUTRAL	5kg (1.125+3.875) - 20kg (4.5+15.5)	

### HYGROSMART® PU-CEMENT 3K

HYGROSMART®-PU-CEMENT-3K is a polyurethane concrete flooring system.

**Characteristics:** Three component, designed for industrial floors and protection coverings. Indoors & outdoors use.

**Properties:** Non-toxic, excellent mechanical-physical-chemical resistance, excellent adhesion to any substrate, monolithic-wear resistance, non combustible and resistant to wide temperature range, anti-static, anti-slip, non-sparking, non-dust.

**Usage:** Protection of industrial floors in food and beverage industry, chemical industry, pharmacy - healthcare, electronics. Waterproofing and protection of terraces, roofs, balconies.

*Apply with steel trowel.*



	<b>Consumption: 4 -10 mm recommended coat thickness. Indicatively around 2 kg/m<sup>2</sup>/mm thickness</b>		
	<b>COLOR</b>	<b>PACKAGING</b>	
	NEUTRAL	24.2kg (3.5+3.5+17.2)	

### HYPERDESMO®-D-2K

HYPERDESMO-D-2K is a self-levelling, very fast curing polyurethane floor coating, ideal for indoor car parks.

**Characteristics:** Two component, solvent-free, moderately elastic.

**Properties:** Excellent abrasion and chemical resistance excellent mechanical properties with a very fast recoat time.

**Usage:** Indoor car parks, industrial floors, tanks carrying chemicals, effluent treatment tanks, sewage tanks.

*Apply with roller or rubber squeegee.*



	<b>Minimum consumption: 0.3-0.5 kg/m<sup>2</sup></b>		
	<b>COLOR</b>	<b>PACKAGING</b>	
	GREY / NEUTRAL	3.9kg (0.9+3) - 13kg (3+10)	

## AQUASMART®-TC 2K FLOOR PROTECT

AQUASMART® -TC 2K FLOOR PROTECT is unique waterborne coating, with anti-stain properties, highly recommended as a top coat for the protection of epoxy and polyurethane self-levelling floors.

**Characteristics:** Two component, fully aliphatic, non-staining

**Properties:** Excellent UV, chemical, water and abrasion resistance.

**Usage:** Flooring applications, car park final protective layer/traffic line marking, industrial paint.

*Apply with brush or roller.*



	<b>Minimum consumption: 0.150 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING
	TRANSPARENT	0.96kg (0.16+0.8) - 4.80kg (0.8+4)

## EPOXY RESIN 51-FLOORING

EPOXY RESIN 51-FLOORING is a self-levelling epoxy based floor coating.

**Characteristics:** Two component, solvent-free, rigid.

**Properties:** Excellent abrasion and high impact resistance and excellent mechanical properties with a balanced pot life.

**Usage:** Industrial floors, hospitals, retail shopping areas, food, chemical, and pharmaceuticals industries.

*Apply with roller, trowel and squeegee.*



	<b>Consumption: 2 kg/m<sup>2</sup> gives approx. 1.1 mm of thickness</b>	
	COLOR	PACKAGING
	GREY	6kg (1+5) - 24kg (4+20)

## EPOXY RESIN 51-POOL

EPOXY RESIN 51-POOL is a self-levelling epoxy based pool coating.

**Characteristics:** Two component, thixotropic, solvent-free, rigid.

**Properties:** Excellent abrasion and high impact resistance and excellent mechanical properties with a balanced pot life.

**Usage:** Swimming pools, water tanks, concrete protection, protection of steel and other metallic surfaces.

*Apply with roller, trowel and squeegee.*



	<b>Consumption: 2 kg/m<sup>2</sup> gives approx. 1mm of thickness</b>	
	COLOR	PACKAGING
	WHITE LIGHT BLUE	6kg (1+5)

## HYGROSMART®-DUR CEM 3K

HYGROSMART-DUR-CEM 3K is a revolutionary epoxy modified cementitious mortar.

**Characteristics:** Three component, waterborne, solvent-free.

**Properties:** Low viscosity, self-levelling, quick curing, zero VOC.

**Usage:** Primer for flooring and waterproofing applications, floor-levelling compound.

*Apply with roller, trowel and squeegee.*



	<b>Consumption: 2 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING
	GREY	32 (3.5+3.5+25)





# HYGROSMART® COVER OVER SYSTEM

EXTERNAL THERMAL INSULATION  
COMPOSITE SYSTEM

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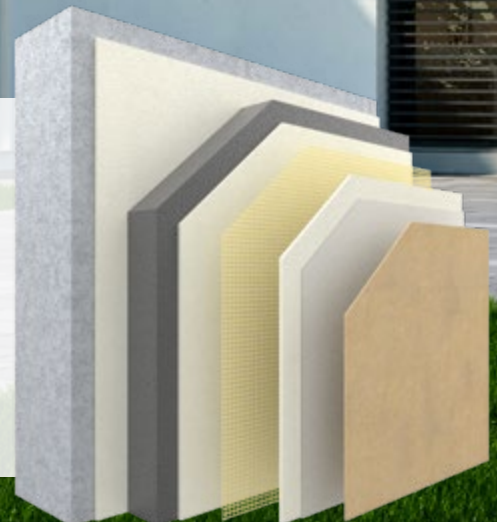
**MOUNTING - THERMAL INSULATION  
REINFORCEMENT - ADHESION  
AESTHETICS & PROTECTION**

# HYGRO SMART®

## COVER OVER SYSTEM

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM

The HYGROSMART® COVER OVER SYSTEM, consists of ALCHIMICA's high quality and performance guaranteed products that can be applied fast, efficiently and with ease. It has been developed and tested to provide long-lasting performance, elasticity, and the reduction of thermal losses for energy efficient buildings. The system achieves ultimate thermal insulation by shielding the building from any environmental conditions while it contributes to the architectural reshaping and aesthetical upgrade of new and old buildings.





**ALCHIMICA**<sup>®</sup>  
BUILDING CHEMICALS



**CERTIFICATION**  
HIGH PERFORMANCE CERTIFIED  
ACCORDING TO ETAG-004



**SHIELDING**  
PROTECTION AND DURABILITY OF THE SYSTEM  
AGAINST MECHANICAL AND ENVIRONMENTAL  
STRESSES FOR NEW AND OLD BUILDINGS



**SAVING**  
ENERGY SAVING  
CONSUMPTION REDUCTION



**WELLNESS**  
IMPROVING INDOOR  
THERMAL COMFORT



**AESTHETIC PERFECTION**  
FINISH COATINGS  
IN HUNDREDS OF COLORS

**PU**  
PLASTER  
**POLYURETHANE  
FINISH COAT**  
CERTIFIED ACCORDING TO EN15824:2017



**HYGROSMART®-ADHESIVE TH**

HYGROSMART®-ADHESIVE TH is a high performance cement based adhesive and rendering/plastering mortar.





**Characteristics:** Single component adhesive suitable for installation of thermal insulation boards on building external facades.


**Properties:** High initial and final adhesion, resistance to moisture, no vertical slip.

**Usage:** Adhesion of thermal insulation on external facades and concrete-plaster substrates, over coating of thermal insulation.

*Apply with notched trowel.*



  	<b>Consumption: 3-5 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING
	WHITE	25kg



**HYGROSMART®-ADHESIVE 70 TH**

HYGROSMART®-ADHESIVE TH-70 is a high performance, fiber-reinforced, cement based adhesive and rendering/plastering mortar.





**Characteristics:** Single component adhesive suitable for installation of thermal insulation boards on building external facades.


**Properties:** High initial and final adhesion, resistance to moisture, no vertical slip.

**Usage:** Adhesion of thermal insulation on external facades and concrete-plaster substrates, over coating of thermal insulation.

*Apply with notched trowel.*



  	<b>Consumption: 3-5 kg/m<sup>2</sup></b>	
	COLOR	PACKAGING
	WHITE	25kg



## HYGROSMART®-TH EPS




HYGROSMART®-TH EPS

**Characteristics:** Thermal insulation boards from expanded polystyrene.

**Properties:** Excellent thermal insulation performance, excellent compatibility with most building materials.

**Usage:** External and internal thermal insulation applications.



 	COLOR	THICKNESS (mm)	
	WHITE	20 - 30 - 50 - 60 - 70 - 80 - 100	




## HYGROSMART®-TH EPS G

**Characteristics:** Thermal insulation boards from graphite expanded polystyrene.

**Properties:** Excellent thermal insulation performance, excellent compatibility with most building materials.

**Usage:** External and internal thermal insulation applications.



 	COLOR	THICKNESS (mm)	
	GREY	20 - 30 - 50 - 60 - 70 - 80 - 100	

**HYGROSMART®-GD PRIMER**

HYGROSMART®-GD PRIMER is a multipurpose primer, adhesion enhancer for walls and floors.





**Characteristics:** Multipurpose primer that improves the adhesion of plasters and renders on concrete and bricks substrates.


**Properties:** Ready to use and easy to apply primer, securing excellent adhesion by creating a rough surface, ideal for plasters and mortars.


**Usage:** Application of plasters on concrete or wall blockwork. Flooring adhesion enhancer on ceramic TILES and natural stones.

*Apply with roller, brush or spray.*







**Consumption: 0.20 - 0.30 kg/m<sup>2</sup>** (depending on substrate absorption)

	COLOR	PACKAGING
	TEJA	1kg
	NEUTRAL / TEJA	1kg - 5kg - 15kg



**HYGROSMART®-TH PRIMER**

HYGROSMART®-TH PRIMER is an advanced multipurpose acrylic primer.




**Characteristics:** Ready to use and easy to apply primer, securing excellent adhesion by creating a rough surface, ideal for plasters and mortars.


**Properties:** Seamless, easy to use with excellent adhesion to almost any type of surface and UV resistance.


**Usage:** Waterproofing and priming of concrete, gypsum and cement boards, walls to be painted with acrylic or plastic paints.

*Apply with roller, brush or spray.*






**Consumption: 0.1 - 0.2 kg/m<sup>2</sup>** (depending on substrate absorption)

	COLOR	PACKAGING
	NEUTRAL/TEJA	1kg - 4kg - 20kg



### HYGROSMART®-PU PLASTER

HYGROSMART®-PU PLASTER is a water-repellent, pasty, ready-to-use, aliphatic polyurethane plaster.

**Characteristics:** Excellent adhesion, high elasticity, weather and UV resistance. 1mm, 1.2mm, 1.5mm

**Usage:** Ideal for the HYGROSMART COVER OVER ETICS System.

*Application by spatula.*



			<b>COLOR</b>	<b>PACKAGING</b>	
			WHITE / NEUTRAL	1kg - 5kg - 25kg	

### HYGROSMART®-TH PLASTER

HYGROSMART®-TH PLASTER is a water-repellent, pasty, ready-to-use, acrylic plaster.

**Characteristics:** Excellent adhesion, high elasticity, weather and UV resistance. 1mm, 1.2mm, 1.5mm

**Usage:** Ideal for the HYGROSMART COVER OVER ETICS System.

*Application by spatula.*



			<b>COLOR</b>	<b>PACKAGING</b>	
			WHITE / NEUTRAL	1kg - 5kg - 25kg	

### HYGROSMART®-SILICONE-PLASTER

HYGROSMART®-SILICONE-PLASTER is a ready-to-use, pasty, silicon plaster, white or colored. It is ideal for the HYGROSMART®-COVER OVER external thermal insulation system of ALCHIMICA. It is characterized by its excellent adhesion, water repellency, high elasticity and high water vapor transmission. It is suitable for outdoor and indoor use.



			<b>COLOR</b>	<b>PACKAGING</b>	
			WHITE	25kg	



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# HYGROSMART®

REPAIR PRODUCTS  
& ADHESIVES

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REINFORCEMENT & CONCRETE REPAIR  
COATINGS & MASONRY REPAIR  
WATERPROOFING MORTARS  
INDUSTRIAL FLOOR HARDENERS  
TILE ADHESIVES

### HYGROSMART®-FER

HYGROSMART®-FER is a cementitious anti-corrosive coating and adhesion bridge for reinforcement steel.




**Characteristics:** Polymer-modified cementitious mortar with corrosion inhibitors suitable for application on reinforcement steel bars against corrosion but also as an adhesion bridge for cementitious repair mortars.

**Properties:** Complies with requirements of European Standard EN 1504-07.


**Usage:** Preventive protection of reinforcement steel from corrosion, for protection of reinforcement steel in structural concrete repairs. It can also be used as adhesion bridge layer between old and new concrete or mortar.

*Apply with brush.*



   **Consumption: 2.0 kg/m<sup>2</sup> per mm of thickness**

COLOR	PACKAGING
BLUE	1 kg - 4kg



### HYGROSMART®-PLUG

HYGROSMART®-PLUG is a very fast setting cementitious water plug.




**Characteristics:** One component with remarkable abilities to stop leaks even for underwater pressure.

**Properties:** Does not crack and has practically zero shrinkage, fast setting, rapid strength build up.


**Usage:** Water tanks, tunnels, construction joints between concrete and steel.

*Application by hand or spatula.*



COLOR	PACKAGING
GREY	1kg - 5kg - 20kg



### HYGROSMART®-BUILDING-F

HYGROSMART®-BUILDING-F is a fiber reinforced cementitious repair mortar.




**Characteristics:** One component, excellent adhesion and mechanical properties, easy application in horizontal / vertical substrates.

**Properties:** Long pot life, quick setting, allows application of thick coats without cracking. CE Certified as Class R3 repair mortar according to EN 1504-03.


**Usage:** General concrete repairs, repair of concrete structures damaged of oxidization, concrete carbonation, surface smoothing, blockwork and plaster repairs.

*Apply with trowel.*



   **Consumption: For a 10mm coat thickness, 17 kg/m<sup>2</sup> are required**

COLOR	PACKAGING
GREY	5kg - 25kg






### HYGROSMART®-SLU-RAPID


HYGROSMART®-SLU RAPID is a quick-setting, self-levelling, underlayment cement screed.

**Characteristics:** Excellent workability and rheology, perfectly smooth surface finish.

**Usage:** Filling and levelling of cavities, floor levelling, floor preparation for TILES/parquet installation.

   **Consumption: 1.7 kg/m<sup>2</sup> per 1mm of thickness**

COLOR	PACKAGING
GREY	5kg - 25kg




## HYGROSMART®-BUILDING-45 THIXO

HYGROSMART®-BUILDING-45-THIXO is a fiber reinforced, thixotropic, high-strength cementitious repair mortar.






**Characteristics:** One component, excellent adhesion and mechanical properties, easy application in horizontal / vertical substrates.

**Properties:** Long pot life, allows application of thick coats without cracking. CE Certified as Class R4 repair mortar according to EN 1504-03.

**Usage:** General concrete repair, repair of concrete damaged reinforcement steel exposed in acidic environments and/or seawater, surface smoothing in high abrasion areas, repairs of highway bridge elements, blockwork and plaster repairs.

**Apply with trowel.**



  		<b>Consumption: For a 10mm coat thickness, 17.5 kg/m<sup>2</sup> are required</b>	
	COLOR		PACKAGING
	GREY		5kg - 25kg
			








## HYGROSMART®-FIX & FINISH

HYGROSMART®-FIX & FINISH is a rapid-curing revolutionary CLASS R4 repair mortar that offers unique ease of application, displaying low viscosity while being highly thixotropic. Rapid-setting, shrinkage compensated, thixotropic and fiber-reinforced it offers a smooth finish that makes it ideal for use in all kinds of concrete repairs, in both structural or non-structural elements.

**Properties:** No shrinkage and no cracking, rapid curing, extremely smooth and easy to apply

**Usage:** Repairs and structural strengthening of concrete. Repairing precast concrete members and elements. *Repairs to concrete damaged by rusty reinforcing bars due to carbonation.*



    			
	COLOR		PACKAGING
	GREY		5kg - 25kg
			








## HYGROSMART®-MAK-FLOW

HYGROSMART®-MAK FLOW is a non-shrink, high strength, R4 flowable mortar for structural concrete repairs and anchoring.

**Characteristics:** High bending and compressive strength, single component, high flow for full compaction.

**Usage:** Repair mortar on damaged concrete, anchoring, gas or steam turbines, generators, milling machines.



    			
	COLOR		PACKAGING
	GREY		5kg - 25kg
			

### HYGROSMART®-S-10

HYGROSMART®-S-10 is a fiber-reinforced repair mortar/plaster pasty, ready-to-use, acrylic plaster.

**Characteristics:** Excellent adhesion, easy to apply, thick coat application possible without cracking.

**Usage:** Ideal for blockwork repairs and plastering.

*Application by spatula.*



	<b>COLOR</b>	<b>PACKAGING</b>	
	WHITE	5kg - 25kg	

### HYGROSMART®-STUCCO

HYGROSMART®-STUCCO is a very fine cement-based mortar for stuccoing surfaces before painting.

**Characteristics:** Very fine white mortar for spatulating surfaces to be painted.

**Properties:** Easy to grind, excellent adhesion and hiding power, controlled quality, shrinkage compensated.

**Usage:** Application on plasters, gypsum boards, cement boards, concrete. Suitable for indoors and outdoors.

*Apply with spatula or spray.*



	<b>COLOR</b>	<b>PACKAGING</b>	
	WHITE	5kg - 20kg	

**Consumption: 1.1 kg/m<sup>2</sup>/mm layer thickness**

### AQUASMART® AFROS

AQUASMART® AFROS is a fast-curing, polyurethane foam-putty of high elasticity and coverage with unique resistance to low temperatures down to -20°C.

**Characteristics:** It fills holes, crevices, cracks and joints in external or internal surfaces.

**Properties:** Thixotropic, can seal/fill even large cracks/holes. It has high elasticity, fast curing and it is easy to apply and repair.

**Usage:** It can be applied in concrete, plaster/plasterboard, wood and polysterene.

*Apply with spatula or spray.*



	<b>COLOR</b>	<b>PACKAGING</b>	
	WHITE	0.5lt - 1lt - 4lt	

**Consumption: 1.1 kg/m<sup>2</sup>/mm layer thickness**

### HYGROSMART®-IMPER-C






HYGROSMART®-IMPER-C is a flexible cementitious mortar for waterproofing and protection.

**Characteristics:** One component, excellent workability and easy application.

**Properties:** Strong adhesion and outstanding mechanical properties that result in a crack-free surface highly resistant to hydrostatic pressures. CE Certified according to EN 1504-2.


**Usage:** Concrete structures, underground structures, water tanks and swimming pools, flower pots.  
*Apply with brush.*



**Consumption: Minimum 2-2.5 kg/m<sup>2</sup> Max coat thickness: 1mm**

COLOR	PACKAGING
GREY	5kg - 25kg



### HYGROSMART®-IMPER-C-2K-FLEX






HYGROSMART®-IMPER-C-2K-FLEX is an advanced two-component, flexible cementitious mortar for waterproofing & protection.

**Characteristics:** Two-component, low viscosity mixture with excellent workability and easy application.

**Properties:** Strong adhesion, outstanding mechanical properties, resistant to positive and negative pressures, high UV resistance.


**Usage:** Wet rooms, roofs, balconies, water tanks, concrete structures, precast panels, underground structures, retaining walls, swimming pools (under tiles). **CE Certified according to EN 1504-2.**  
*Apply with trowel, brush or roller.*



**Consumption: 1.7 kg/m<sup>2</sup> per 1mm thickness**

COLOR	PACKAGING
GREY	33kg (25+8)



### HYGROSMART®-IMPER-C-2K-FLEX-E






HYGROSMART®-IMPER-C-2K-FLEX-E is an advanced fiber-reinforced flexible cementitious mortar for waterproofing and protection.

**Characteristics:** Single component, low viscosity with excellent workability and easy application.

**Properties:** Strong adhesion, outstanding mechanical properties, resistant to positive and negative pressures, high UV resistance.


**Usage:** Wet rooms, roofs, balconies, water tanks, concrete structures, precast panels, underground structures, retaining walls, swimming pools (under tiles).



**Consumption: 1.3 kg/m<sup>2</sup> per 1mm thickness**






COLOR	PACKAGING
GREY	35kg (25+10)




### HYGROSMART®-IMPER-C-2K-ELASTIC SUPERFAST

HYGROSMART®-IMPER-C-2K-ELASTIC SUPERFAST is a two-component, rapid-drying, waterproofing membrane based on cementitious binders, special synthetic polymer emulsions, fine-grained aggregates and high technology additives.



COLOR	PACKAGING
GREY	30kg (20+10)



### HYGROSMART®-IMPER-C-1K-ELASTIC

HYGROSMART®-IMPER-C-1K-ELASTIC is an advanced fiber-reinforced flexible cementitious mortar for waterproofing and protection.

**Characteristics:** Single component, low viscosity with excellent workability and easy application.

**Properties:** Strong adhesion, outstanding mechanical properties, resistant to positive and negative pressures, high UV resistance

**Usage:** Wet rooms, roofs, balconies, water tanks, concrete structures, precast panels, underground structures, retaining walls, swimming pools (under tiles). **Certified according to EN 14891:2012**



**Consumption: 1.2 kg/m<sup>2</sup> per 1mm thickness**

COLOR	PACKAGING
GREY	5kg - 25kg



### HYGROSMART®-FLOOR-H

HYGROSMART®-FLOOR-H is a high strength reinforced mortar based on cement and quartz aggregates.

**Characteristics:** One component, most suitable for surface hardener of industrial flooring.

**Properties:** Outstanding mechanical properties in high performance heavy duty flooring. Exceeds requirements of EN 13813.

**Usage:** Industrial floors, basements, parking spaces, warehouses, loading-unloading spaces  
*Apply dry in two layers, with broadcasting.*



**Consumption: 3-5 kg/m<sup>2</sup>**

COLOR	PACKAGING
GREY	5kg - 25kg



## TILE ADHESIVES

### HYGROSMART®-ADHESIVE A30

HYGROSMART®-ADHESIVE A30 is a high performance cement based tile adhesive.

**Characteristics:** One component adhesive for installation of ceramic tiles on floors and walls, for internal use.

**Properties:** Excellent technical characteristics and no vertical slip, easy application and excellent adhesive properties. CE certified as Type C1T according to EN 12004:2007 + A1:2012

**Usage:** Wet rooms, walls / floors.

*Apply with notched trowel.*



**Consumption: 3-5 kg/m<sup>2</sup>**

COLOR	PACKAGING
WHITE	5kg - 25kg



## HYGROSMART®-ADHESIVE A60

HYGROSMART®-ADHESIVE A60 is a high performance cement based tile adhesive.

**Characteristics:** One component adhesive for installation of ceramic tiles on floors and walls, for both internal and external use.

**Properties:** Excellent technical characteristics and no vertical slip, easy application and excellent adhesive properties. CE Certified as Type C2TE according to EN 12004:2007+A1:2012.

**Usage:** Wet rooms, walls/floors, roofs, balconies.

*Apply with notched trowel.*



		<b>Consumption: 3-5 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	WHITE	5kg - 25kg

## HYGROSMART®-ADHESIVE A100

HYGROSMART®-ADHESIVE A100 is a high performance cement based TILE adhesive.

**Characteristics:** One component adhesive for installation of ceramic TILES on floors and walls, both indoors and outdoors.

**Properties:** Excellent technical characteristics and no vertical slip, easy application and excellent adhesive properties. CE Certified as Type C2TS1 according to EN 12004.

**Usage:** Wet rooms, walls, floors, roofs, balconies. Specially designed to fix TILES on top of HYPERDESMO® membranes with optional use of any sand broadcasting adhesion layer.

*Apply with notched trowel.*



		<b>Consumption: 3-5 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	WHITE	5kg - 25kg

## HYGROSMART®-ADHESIVE ULTRA 2K

HYGROSMART®-ADHESIVE ULTRA 2K is a specialized two-component cementitious adhesive with zero shrinkage that has been developed to offer superior adhesion over non-porous substrates. Thanks to its advanced technology, it is ideal for the installation of tiles over HYPERDESMO® liquid applied membranes, as well as existing tiles.

**Properties:** Its advanced polymerization method allows it to cure fully, overcoming the problems of traditional tile adhesives when used over non-porous surfaces which lead to loss of adhesion.

**Usage:** Specifically designed for the installation of tiles over non-porous substrates such as existing tiles or HYPERDESMO® liquid applied membranes.

*Application by trowel or spatula.*



		<b>Consumption: 3-5 kg/m<sup>2</sup></b>
	COLOR	PACKAGING
	WHITE	25kg+5kg



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# VARIOUS PRODUCTS

# 10 VARIOUS PRODUCTS

## HYPERLATEX




HYPERLATEX is a bonding and flexibilizing admixture for cementitious waterproofing mortars.

**Characteristics:** Improves the waterproofing characteristics, bond strength, flexibility and chemical resistance of cementitious mortars.

**Properties:** Increase of impermeability and bond strength of mortars, rheology control, improves adhesion and reduces shrinkage.

**Usage:** Admixture to HYGROSMART®-IMPER-C or other cement based mortars.



		COLOR	PACKAGING	
		WHITE	5kg - 18kg	

## WATERFOAM-1K-LV

WATERFOAM-1K-LV is a high flexibility polyurethane foam injection resin.




**Characteristics:** Single component, of low viscosity, that produces a flexible grout suitable for effectively stopping water leaks.

**Properties:** Easy to apply, highly resistant to fungi and other microorganisms, user and environment friendly.

**Usage:** Water leaks in: Foundations, below-grade structures, tunnels, underpasses, tanks, waterways and dams.




*Application by single component injection pump.*



		COLOR	PACKAGING	
		OFF-YELLOW	5kg - 20kg	



## WATERFOAM-CATALYST

WATERFOAM-CATALYST is a catalyst specially designed for ALCHIMICA's waterfoams.

		COLOR	PACKAGING	
		NEUTRAL	0.4kg - 0.5kg - 1kg - 4kg	

## SOLVENT WF SPECIAL

SOLVENT WF SPECIAL is a specially designed solvent for thinning waterfoam products.

	COLOR	PACKAGING	
	TRANSPARENT	4kg	

## WATERFOAM-FHF

WATERFOAM-FHF is a heavy duty, low flexibility, polyurethane foam injection resin.

**Characteristics:** Single component, of low viscosity, that produces an inflexible grout suitable for effectively stopping water leaks.



**Properties:** Easy to apply, highly resistant to fungi and other microorganisms, user and environment friendly.

**Usage:** Water leaks in foundations, below-grade structures, tunnels, underpasses, tanks, waterways and dams.

Recommended for use on concrete subject to severe structural movements.

**Application by single component injection pump.**



	COLOR	PACKAGING	
	OFF-YELLOW	20kg	

## HYPERGLUE-TX40




HYPEGLUE-TX40 is a trowel grade polyurethane based adhesive suitable for bonding a broad range of parquet and wooden floors.

**Characteristics:** Single component, solvent-free, moisture curing polyurethane adhesive.

**Properties:** Excellent adhesion, easy trowel application, suitable for under-floor heating, sound dampening effect.

**Usage:** Stab, laminated, pre-finished, mosaic and industrial parquets. Chip boards, exotic timbers, industrial floors.



	<b>Consumption: 1-1.6 kg/m<sup>2</sup> - 6 .mm notch trowel   0.5-0.8 kg/m<sup>2</sup> - 3 mm notch trowel</b>		
	COLOR	PACKAGING	
	OCHRA	5kg - 15kg & 600cc	

## HYPERGLUE-TX100




HYPEGLUE-TX100 is a trowel grade polyurethane based adhesive suitable for bonding a broad range of parquet and wooden floors.

**Characteristics:** Two component, solvent-free, fast curing polyurethane adhesive.

**Properties:** Excellent adhesion, easy trowel application, suitable for under-floor heating, sound dampening effect.

**Usage:** Stab, laminated, pre-finished, mosaic and industrial parquets. Chip boards, exotic timbers, industrial floors.



	<b>Consumption: +/- 1.5 kg/m<sup>2</sup>/mm thickness - Recommended thickness 0.5-2.0 mm</b>		
	COLOR	PACKAGING	
	OFF-WHITE	11.20kg (1.2+10)	

## EXPANDABLE SEAL



EXPANDABLE SEAL is a unique gunnable polyurethane based adhesive that can be used in any project that requires the gluing of two or three different types of elements together.

**Characteristics:** Single component, solvent-free, thixotropic polyurethane adhesive.

**Properties:** Excellent waterproofing properties, controllable foaming effect, non-toxic, high temperature resistance.

**Usage:** Manufacturing of sandwich elements made of wood, rigid foams (PU/EPS/XPS), aluminium, steel, gypsum or cement boards, and plastics.



	COLOR	PACKAGING	
	OFF-YELLOW	600cc	

## RUBBER BINDER-M20




RUBBER BINDER-M20 is a polyurethane binding resin for rubber and EPDM granules.

**Characteristics:** Single component, solvent-free, of low viscosity and with a long pot life.

**Properties:** Very elastic, non-toxic, no pungent odors, with excellent adhesion to EPDM and recycled rubber granules.

**Usage:** Children's playgrounds, running tracks, walkways, swimming pool surrounds, outdoor recreations areas.



	COLOR	PACKAGING	
	TRANSPARENT	5kg - 20kg	

## EPOXY RESIN-21 CLEAR






EPOXY-RESIN-21 CLEAR is an epoxy resin with outstanding bonding capabilities.

**Characteristics:** Two component, 100% solids, self-leveling of low viscosity.

**Properties:** Excellent adhesion on almost any substrate, great temperatures resistance, no shrinkage upon curing.

**Usage:** Bonding of cement mortars, metal structures, old and new concrete. Filling and sealing cavities and cracks of pillars, foundations, beams, walls. Flooring applications. Can also be used as a primer.



  	COLOR	PACKAGING	
	TRANSPARENT	0.99kg (0.66+0.33) - 4.50kg (3+1.5)	

## EPOXY RESIN-21-T

EPOXY-RESIN-21-T is a thixotropic repair epoxy paste.



**Characteristics:** Two component, 100% solids.

**Properties:** Excellent resistance to alkaline and acidic environments as well as very good resistance to oils and solvents.

**Usage:** Bonding of cement mortars, metal structures, old and new concrete. Filling and sealing cavities and cracks of pillars, foundations, beams, walls. Marine and industrial applications, water tanks, fuel reservoirs, refrigeration units.





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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: black; color: white;">COLOR</th> <th style="background-color: black; color: white;">PACKAGING</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">OFF-WHITE</td> <td style="text-align: center;">0.99kg (0.66+0.33)</td> </tr> </tbody> </table>	COLOR	PACKAGING	OFF-WHITE	0.99kg (0.66+0.33)	
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## SOLVENT 01

SOLVENT 01 is a specially designed solvent for thinning polyurethane products







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# 10 VARIOUS PRODUCTS

## MOLDING PUR-40

MOLDING PUR-40 is a two component, 1:1 mixing ratio, low viscosity and low modulus cold cast polyurethane elastomer for molding and casting applications. The low viscosity and the fact that the material is 100% pure resin allows superior handling and excellent imprinting even of the finest detail.







  CSF		<b>COLOR</b>	<b>PACKAGING</b>	
		GREEN	10kg (5+5) 40kg (20+20)	

## MOLDING PUR-80

MOLDING PUR-80 is a two component, 1:1 mixing ratio, high modulus and low viscosity cold cast polyurethane elastomer for molding and casting applications. The low viscosity, and the fact that the material is 100% pure resin allows superior handling and excellent imprinting even of the finest detail.



  CSF		<b>COLOR</b>	<b>PACKAGING</b>	
		GREEN	10kg (5+5) 40kg (20+20)	


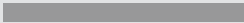
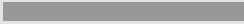


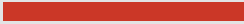

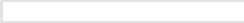
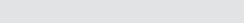








## PIGMENT PASTES

ALCHIMICA Building Chemicals offers a wide range of pigment concentrates for coloring our transparent or neutral aliphatic topcoats and paints. They are specially developed for Polyurethane and Epoxy Systems and solve a long-standing problem of the industry – Compatibility! The pigments are dispersed according to the latest technology and the result is a paste that provides high quality hiding power. The following color pigments are compatible with our solvent based or 100% solid products.

They are concentrated and can be diluted with our SOLVENT-01, if needed. Colors other than those listed below are available upon request.



**Consumption: 5-10 % by weight**

CODE	COLOR	PACKAGING 1kg - 0,5kg
GREY 732		
GREY 738		
GREY 740		
GREY 742		
YELLOW 121		
TILE 320		
TILE 313		
WHITE 910		
BLACK 904		
BEIGE 113		
BEIGE 114		
BEIGE 115		
BLUE 512		
BLUE 517		
BLUE 524		
GREEN 621		
		



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# ADDITIONAL PRODUCTS

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# 11 ADDITIONAL PRODUCTS

## CAULKING GUN ALCHIMICA

Professional dispense gun for the application of the HYPERSEAL® products.



PACKAGING	kg
1 UNIT	0.5 - 1

## ROLLER

Special paint roller for polyurethane coatings.



DIMENSION (cm)	PACKAGING
18	ROLLERS
23	HANDLE

## POLYETHYLENE BACKER ROD


Special backer rod made of extruded polyethylene for joints where HYPERSEAL® sealants will be used.



SIZE	PACKAGING
F6	1500m
F10	680m
F15	250m
F20	180m
F25	100m
F30	100m
F40	100TEM
F50	65TEM

## QUARTZ SAND





	PACKAGING	kg
	ITEM	40

## GEOTEXTILE-50 (1X200m)

GEOTEXTILE-50 is a non-woven geotextile, from 100% polyester fibers, manufactured with the needle punching process.




	COLOR	PACKAGING
	WHITE	200m




## GEOTEXTILE-50 PRESSED (1.02X100m) (0.17X100m)

GEOTEXTILE-50 PRESSED is a non-woven geotextile, from 100% polyester fibers, manufactured with spun-lacing process (hydro-entanglement).




	COLOR	PACKAGING
	WHITE	100m
	WHITE	100m



## GEOTEXTILE-45 PRESSED (1.02X100m)



	COLOR	PACKAGING
	WHITE	100m <sup>2</sup>





 **ALCHIMICA**<sup>®</sup>  
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