

HYPERDESMO®-T-SL

One component, 100% solids, Non-Yellowing Resin Marble Stone Binder.

DESCRIPTION

HYPERDESMO®-T-SL is a one-component, 100% solids, fully aliphatic resin, which, once cured, produces a tough glossy membrane with excellent mechanical and UV resistance properties. The material is available in three different versions (BINDER, FILLER, VERTICAL) with different viscosities and rheology so as to cover all possible stone carpet binder applications. The material can be applied in any thickness or consumption with marble stone without any bubbling or shrinkage issues.

FEATURES & BENEFITS

- Solvent-less, 100% solids.
- Fully aliphatic, no yellowing resulting from UV exposure.
- Strong and uniform adhesion over the entire surface.
- Very high resistance to mechanical stresses (high tensile strength and abrasion resistance).

APPLICATION PROCEDURE

In marble stone applications, waterproofing of substrate with Hyperdesmo-System must be carried out below the marble stone layer.

CLEANING

Clean tools and equipment first with paper and then using SOLVENT-01. Rollers will not be re-usable.

SHELF LIFE

Can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5-25 °C. Once opened, use as soon as possible.

SAFETY INFORMATION

HYPERDESMO®-T-SL is free of solvents. Nevertheless, you are advised to observe the standard safety rules: Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. The M.S.D.S. (Material Safety Data Sheet) is available on request.

TECHNICAL SPECIFICATIONS

In liquid form (before application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield)	cP	ASTM D4287, @ 25 °C	BINDER: 1,000-2,000 FILLER: 3,000-5,000 VERTICAL: 10,000-14,000
% Solids	%	-	100
Tack free time, @ 77 °F (25 °C) & 55% RH	hours	-	2-3

HYPERDESMO®-T-SL

The cured membrane:

PROPERTY	UNITS	METHOD	SPECIFICATION
Service temperature	°C	-	-40 to 80
Hardness	Shore D	ASTM D2240 / DIN 53505 / ISO R868	> 60
Percent elongation @ 23 °C	%	ASTM D412 / EN-ISO-527-3	> 300
QUV Accelerated Weathering Test (4hr UV, @ 60 °C (UVB-Lamps) & 4hr COND @ 50 °C)	-	ASTM G53	passed (3,000 hours)

NONE OF OUR PUBLISHED INSTRUCTIONS AND SPECIFICATIONS, IN WRITING OR OTHERWISE, ARE BINDING EITHER IN GENERAL OR WITH RESPECT TO ANY THIRD PARTY RIGHTS, OR DO THEY RELIEVE INTERESTED PARTIES OF THEIR DUTY TO SUBJECT THE PRODUCT TO AN ADEQUATE EXAMINATION OF ITS SUITABILITY. IN NO EVENT WILL ALCHIMICA S.A. BE RESPONSIBLE FOR DAMAGES OF ANY NATURE, WHATSOEVER, RESULTING FROM THE USE OF OR RELIANCE UPON INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS. ALCHIMICA S.A. RESERVES THE RIGHT TO CHANGE AT ANY TIME THE PROPERTIES OF ITS PRODUCTS. PLEASE REFER TO THE CURRENT VERSION OF THE TECHNICAL DATA SHEET, AVAILABLE FROM OUR WEB SITE WWW.ALCHIMICA.COM

