



THE WORLD'S MOST  
TRUSTED BUILDING CHEMICALS



# Project Residential Buildings



Exposed Concrete Roof waterproofing with reflecting materials in a residential block. Bangladesh



# Project Description

Bangladesh has a tropical monsoon climate with great seasonal variations in rainfall, high temperatures and high humidity. The monsoon rains cause water leakages that lead to corrosion problems in roofs, walls and basements both in residential and commercial buildings. In these conditions, structures tend to expose their limitations. Therefore, a waterproofing application should meet special requirements and it should not only to be effective in preventing the ingress of water into the structure, but also to be durable.



In those climates, it is also essential the buildup of a waterproofing system to include reflecting materials in order to reflect sun rays and repel heat. In this way we can reduce the need for air conditioning units, save energy costs and minimizing heat gain inside the buildings.

The multicolor HYPERDESMO® System was applied successfully in the exposed concrete substrate of the residential block in Bangladesh providing water tightness, ponding water and UV resistance and offering long-term performance.

The materials used in the application:

Primers : Wide range of primers designed to work exceptionally with all our products and different kind of substrates, depending on the application and its needs.

HYPERSEAL®-EXPERT-150 : The novel, certified low modulus, highly elastic, thixotropic expansion joint sealant.

HYPERDESMO®-CLASSIC : The innovative, certified highly elastic waterproofing membrane with strong adhesion to many types of surfaces.

HYPERDESMO®-ADY-E : The aliphatic one-component polyurethane fluid, with excellent mechanical, chemical, thermal, UV and natural element resistance properties.





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