Hypertectum Detail

One-component, fibre-reinforced polyurethane membrane for waterproofing roof details

MINIMUM CONSUMPTION	SERVICE TEMPERATURE	HARDNESS	COLOUR
1.8 kg/m²	−40 to +80 °C	Shore A 70	White

01 DESCRIPTION

Hypertectum Detail is a thixotropic, fibre-reinforced, one-component, liquid-applied polyurethane membrane for waterproofing details and connections on roofs. Thanks to its formulation, it cures quickly and forms a bubble-free membrane with excellent adhesion over the entire surface, excellent hardness and high resistance to mechanical stress. Ideal for use in winter or when relative humidity is low. Apply with roller or brush. Minimum consumption: ± 1.8 kg/m².

02 COLOUR

White

03 RECOMMENDED FOR

Waterproofing of details such as:

- Wall-to-floor connections
- Pipes
- Chimneys
- Photovoltaic systems
- Air-conditioning units
- Gutters

04 MAIN FEATURES

- No reinforcement fleece required
- Fast curing: skin formation in 2 hours
- Bubble-free, defect-free membrane
- High UV resistance
- Excellent mechanical properties: high tensile strength and elasticity
- Resistant to chemicals and abrasion

05 SUITABLE SUBSTRATES

Concrete (reinforced or not), terrazzo, roof tiles, sound acrylic and bituminous coatings, wood. For other substrates, contact ETS Europe.

No primer is needed when all of the following apply:

Concrete strength	Surface moisture	Application temperature	Relative humidity
C20/25	≤ 5 %	5–35 °C	< 85 %

In all other cases, select a primer from the Hypertectum primer range and follow its data sheet.

06 SYSTEM BUILD-UP

01	→ 02	→ 03
Substrate	Primer from the Hypertectum primer range, where required	Hypertectum Detail

07 APPLICATION PROCEDURE

Surface preparation	Remove loose material, dust, vegetation, salts, oil, etc. Grind off and remove loose parts with suitable tools.
Application	Roller or brush.

08 CONSUMPTION

Minimum total	**1.8 kg/m²**

09 CLEANING

Wipe tools with dry paper or cloth, then clean with a suitable solvent. Re-using rollers is not recommended.

10 PACKAGING

1 kg, 5 kg

11 STORAGE

At least 12 months in the original unopened containers, in a dry place at 5–25 °C. Once opened, use immediately.

12 SAFETY

Contains flammable solvents. Keep away from naked flames and sparks. Do not apply in enclosed spaces without adequate mechanical ventilation and activated-carbon masks. Solvent vapours are heavier than air and collect at floor level. See the Safety Data Sheet.

13 TECHNICAL DATA — LIQUID (BEFORE APPLICATION)

PROPERTY	UNIT	METHOD	VALUE
Viscosity (Brookfield)	cP	ASTM D4287, 25 °C	3,000–6,000
Density	g/cm³	ASTM D1475 / ISO 2811, 20 °C	1.4–1.5
Flash point	°C	ASTM D93, closed cup	42
Drying time (25 °C, 55 % RH)	h	–	2–3
Recoat time	h	–	6–48

14 TECHNICAL DATA — CURED MEMBRANE

PROPERTY	UNIT	METHOD	VALUE
Service temperature	°C	–	−40 to +80
Max. short-term (shock) temperature	°C	–	200
Hardness	Shore A	ASTM D2240 / ISO 868	70
QUV accelerated weathering (4 h UV at 60 °C, UVB lamps + 4 h condensation at 50 °C)	–	ASTM G53	Passed (2,000 h)

The information in this data sheet reflects current techniques and our best knowledge. Because the use of the product is beyond our control, neither the manufacturer nor the distributor can be held responsible for results. Instructions not covered by this data sheet require written confirmation from head office. Our general terms and conditions apply. This data sheet cancels and replaces all previous versions.