

TECHNICAL DATA SHEET

ETS Aqua primer

Date : 07/07/2016

Revision : 3

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PRODUCT INFORMATION

DESCRIPTION :

ETS Aqua primer is a two-component, water based, epoxy primer for Hypertectum® products.

FEATURES AND BENEFITS:

- Easy application (water based)
- Low-odour, safe and non-flammable (zero VOC)
- Suitable for application in closed spaces
- Easy clean-up
- Strong adhesion even on damp or green concrete. Also on iron, galvanized steel, aluminium, glass and wood.
- Good mechanical properties and abrasion resistance

RECOMMENDED FOR/USED AS:

- Sealing coat for concrete
- Adhesive layer between old and new concrete

Remark:

- DO NOT EXCEED the stated consumption numbers, as this will affect adversely its adhesion and durability.
- Pot life of mixture is 1 hour maximum at 25°C
- Do not apply when temperature is below 10°C
- Hot concrete should be wetted before application

APPLICATION :

Mix the two components well. Add water 10-30%. Stir manually or use a low speed (300 rpm) mixer.

Application in thin coat only.

CONSUMPTION

Apply in one or two thin coats with total consumption of 150 gr/m²

CLEANING:

First clean tools and equipment with paper, then use X-cleaner.

SAFETY:

ETS Aqua primer 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

Headoffice

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PACKAGING :

Transparent: 4kg (1+3kg)

STORAGE:

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.

TECHNICAL SPECIFICATIONS

In liquid form (before application, after mixing):

Component A – colourless

Component B – transparent (in transparent, the mixture becomes white but, when fully cured, membrane is transparent again)

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield)	cP	ASTM D2196-86, @ 25°C	3,500
Specific weight	gr/cm ³	ASTM D1475/DIN53217/ISO2811, @20°C	1.0
Mixing ration of transparent ETS Aqua primer	A:B, by weight	-	1:3
Tack free time, @ 77°F (25°C) & 55% RH	Hours	-	5-6
Full cure	Days	-	7
Recoat time	-	-	Recoat once the colour on the current coat goes from milky white to transparent. Also check that the current coat has hardened to the degree where it can no longer be punctured by finger nail.
Pot life	Hours	-	1 @ 25°C

In cured form (after application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Service temperature	°C	-	10-40
Water vapour transmission	gr/m ² .24hr	EN ISO 7783-2	3.9 – Class III (Low, <15)
Water transmission	Kg/m ² .0.5hr	NF EN 1062-3	0.003-0.006 – Class III (Low,<0.1)
Adhesion to concrete	Kg/cm ² (N/mm ²)	ASTM D4541	> 30 (> 3)
Resistance to friction	gr	ASTM D4541 (Taber 503, CS17, 1.0 kg, 1.000 revs.)	120*10 ⁻³

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COATINGPROTECT®

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SAFETY, ECOLOGY, ELIMINATION

For more information regarding safety during transport, storage and consumption, as well as elimination and ecology, see MSDS sheet.

The information in this technical data sheet, reflects the most modern techniques and procedures. The use of the product is not under our control, the manufacturer nor the distributor can be held responsible for these indications. Instructions not covered by the contents of this technical data sheet, require written confirmation of the headquarters.

Our general conditions are permanent of application. This technical data sheet cancels and replaces the previous one.

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