

PRIMUS M

DS. 06.04.4401

Adhesive with increased flexibility and adhesion for embedding reinforcing mesh



TECHNICAL DATA

TEST TYPE	TEST METHOD	TEST CRITERIA	TEST RESULT
Working time			60 min.
Adhesion to the concrete [Mpa]			
After 28 days of conditioning	ÖNORM B 6100	> 0,3	Average 1,18
After 28 days of conditioning and 24 hr immersion in water	ÖNORM B 6100	> 0,2	Average 0,41
Adhesion to the EPS [Mpa]			
After 28 days of conditioning	ÖNORM B 6100	≥ 0,1	0,13 (failure in EPS)
After 28 days of conditioning and 5 thermalhumidity cycles	ÖNORM B 6100	≥ 0,1	0,17 (failure in EPS)
Floating resistance	ÖNORM B 6100	No floating	No floating
Resistance to crack	ÖNORM B 6100	No cracks	No cracks

FEATURES & BENEFITS

FEATURE	BENEFIT
1 Polymer resins modified	Excellent adhesion to the EPS
2 Hydrofobic additives	No primer required
3 Ready mix product	Quick and easy mixing with water
4 Special fillers blend	Excellent workability



Product Description:

Primus M is a polymer-mineral adhesive enriched with polymer resins that is used to embed reinforcing mesh in the Dryvit Outsulation SLK and Dryvit Outsulation M systems. A ready-to-use product is obtained after mixing with water.

Colour:

Grey

Packaging:

25 kg (paper bags)

Coverage:

Approx. 3,0-3,5 kg/m² for embedding of Standard mesh. Approx. 5,0-5,5 kg/m² for embedding of Panzer and Standard mesh.

Storage time and conditions:

Store in original, sealed bags for a period not exceeding 6 months from the date of manufacture placed on the packaging. Protect against moisture and direct sunlight. Minimum temperature during storage and transportation should be at least +4°C.

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USES

1. Base coat for the Dryvit Outsulation SLK and Outsulation M systems.
2. For embedding reinforcing mesh on EPS boards.

SUBSTRATE PREPARATION – EPS BOARDS

Prior to starting embedding of reinforcing mesh, the front surface of EPS board should constitute a uniform and smooth surface. The EPS board surface should be rasped using sandpaper and dusted off.

MIXING

Depending on weather conditions, pour approx. 5.5–6.0 l of potable water into a dry 20 l pail and then gradually add the dry product in portions, stirring with a slow- speed drill (400–500 rpm) until a uniform mass is obtained. The mass should next be set aside for 5 minutes for curing. Next, it should be briefly stirred again, adding a small amount of water, if needed. Remixing of the freshly prepared adhesive after 5 minutes as well as the use of the appropriate amount of water is necessary in order to obtain proper consistency and strength of the adhesive.

APPLICATION CONDITIONS

At the time of application and during the next 24 hours, air and substrate temperature may not drop below +5°C. The Primus M adhesive coat should be protected against water during this time. Avoid work in direct sunlight and windy conditions.

APPLICATION METHOD

A coat of pre-prepared Primus M should be applied to EPS boards using a stainless steel trowel. The Primus M coat should be approx. 1.6 mm thick and cover a surface slightly larger than mesh width. The mesh should be embedded immediately into the Primus M coat using a stainless steel trowel, moving along its fibres from the middle towards the edges. The mesh should be completely embedded and its colour not visible on any surface.

Detailed information regarding methods of embedding mesh are provided in the Dryvit Outsulation SLK System (DS.07.3.01) and Dryvit Outsulation M (DS 06.3.01) installation manuals.

DRYING TIME

Approx. 24 h, at +20°C and 55% relative humidity. Drying time in case of lower temperatures or higher relative humidity, in particular during autumn months, may be significantly longer.