

DRYVIT PMR ACRYLIC FINISHES

DS. 01.04.4422

Based on 100% Acrylic polymers
with DPR&PMR chemistry



Product Description:

Dryvit PMR acrylic finishes is a line of textured finishes that are 100% based on acrylic binders. Dryvit PMR are a ready-to-use finishes characterized by their excellent elasticity, high UV resistance, high water vapour permeability and ability to clean, exceptional resistance to staining as well as significant mildew and algae resistance (utilizing DPR and PMR chemistry).

DPR = Dirt Pick-up Resistance.
PMR = Proven Mildew Resistance.

Available in four base textures – Quarzputz PMR, Sandblast PMR, Sandpebble PMR and Freestyle PMR.

Colour:

Any colour from the range of 500 Dryvit colours or any special order colour required.

Packaging:

24.72 kg net (pail)

Coverage:

Quarzputz PMR 2.6–2.8 kg/m²
Sandpebble PMR 2.6–2.8 kg/m²
Sandblast PMR 2.3–2.5 kg/m²
Freestyle PMR 1.5–3.0 kg/m²

Storage time and conditions:

Store in sealed original pails at a temperature of +4°C for a period not exceeding 24 months from the date of production. Pails should be protected from damage and direct sunlight.

TECHNICAL DATA

TEST TYPE	TEST METHOD	TEST CRITERIA	TEST RESULT
Water absorption – capillary pulling up of water, complete external finish [kg/m²]: SANDPEBBLE PMR finish layer			
After 1 hr immersion	ETAG 004 p.5.1.3.1.	< 1	0,00
After 24 hr immersion	ETAG 004 p.5.1.3.1.	< 1	0,13
Impact resistance			
With Primus Base Coat			
Impact 3 J	ETAG 004 p.5.1.3.3.1.	No cracks and breaks	Category II
Impact 10 J	ETAG 004 p.5.1.3.3.1.	No perforation	Category II
Impact resistance [J]			
With Primus Base Coat	ÖNORM B 6100	≥ 3	> 5
Water tightness			
Heat – rinse cycle	ETAG 004 p.5.1.3.2.1.	no deleterious effect	no deleterious effect
Heat freezing cycle	ETAG 004 p.5.1.3.2.1.	no deleterious effect	no deleterious effect
Accelerated weathering	ASTM G154	2000 hours no deleterious effect	5000 hours no deleterious effect
Flexibility	ASTM D522		Pass 38 mm diameter at +20°C
Mildew resistance	ASTM D3273	No growth after 60 days	No growth after 60 days

FEATURES & BENEFITS

FEATURE	BENEFIT
1 Acrylic polymer based	Excellent UV resistance Excellent flexibility Excellent mechanical resistance
2 PMR & DPR chemistry	Improved mildew and algae resistance Improved dirt pick up resistance Easy to clean



A PRM company

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USES

The finishes are durable coatings which provide surface color and texture for Dryvit systems. These coatings can also be applied over properly prepared substrates such as exterior masonry, stucco, precast or cast-in-place concrete and other approved substrates. The finishes are also suitable for interior applications. All finishes can be trowel or spray applied with a hopper gun or pole gun-type sprayer.

SUBSTRATE PREPARATION

The Dryvit base coat does not require any additional preparation, however, it must be smooth, clean and even.

MIXING

The Dryvit PMR acrylic finishes should be thoroughly mixed with a slow-speed mixer (400–500 rpm) after opening.

NOTE: Do not use an aluminium mixer to mix finish.

APPLICATION CONDITIONS

Air and substrate temperature at the time of application of the Dryvit PMR finish and during the next 24 h may not be less than +4°C.

Avoid work in strong sunlight and on strongly heated surfaces.

The finish should be protected against rain and damage until it is fully dry or sealant and metal works completed.

Ambient temperature should not exceed 28°C at the time of application due to overly fast drying as well as problems associated with floating.

APPLICATION METHOD

Dryvit Quarzputz PMR, Sandblast PMR and Sandpebble PMR finishes should be applied using a stainless steel trowel to a thickness not exceeding the thickness of the grain.

Texture should be shaped using a plastic trowel on the freshly applied surface. The entire surface should be floated using identical hand motions.

The finish should be floated in the same direction and using the same tools in order to achieve a unified colour and texture on the entire surface.

Freestyle PMR texture may be shaped freely; however, coat thickness should not exceed 6 mm.

One glass of water (max. 250 ml) may be added to one pail of finish. In such case though the amount of water in all buckets should be identical.

Clean tools with water while finish is still wet.

Detailed information regarding the application of finishes may be found in Dryvit Outsulation System Instruction Manual DS 01.03.4401.

DRYING TIME

Drying time under standard atmospheric conditions (20°C and 55% relative humidity) is 24 hours.

Drying time in case of lower temperatures or higher relative humidity is longer. The surface should be protected against rain and frost until it is fully dry.

Notes and limitations

Dryvit PMR acrylic finishes should not be used on horizontal surfaces exposed to rain. The minimum slope of such surfaces should be at least 27°.

Dryvit PMR acrylic finishes should not be used directly on EPS or paper-gypsum boards as façade finishes.

No additives such as cement or sand should be added to the finish.

NOTE: Drying time in case of special order darker colours as well as saturated and intense colours is significantly longer (external conditions should also be taken into consideration).

Maintenance

Even though Dryvit PMR acrylic finishes demonstrate exceptional use parameters, their periodical washing is recommended depending on building location.

Maintenance procedures are described in the Maintenance and Renovation Instruction DS 00.06.4401.