

# FD PMR FINISHES

Proven mildew resistant finishes with drying accelerator

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## PRODUCT DESCRIPTION

Dryvit Proven Mildew Resistant (PMR) finishes are designed to inhibit the growth of mildew in difficult mould and mildew-prone environments. These 100% acrylic finishes incorporate state of the art chemistry developed to keep buildings mildew free longer.

FD PMR formulations include a film forming accelerator that allows the finish to through harden evenly rather than just skin over at early age. This provides a versatile application at lower temperatures and higher humidity where traditional finishes are slower to dry and vulnerable to early age wash off in poor drying conditions.

FD PMR is offered in four textures Quarzputz, Sandblast, Sandpebble, Sandpebble Fine. It is the finishing touch that adds lasting colour and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with reduced dirt pickup and improved mildew resistance.

## FEATURES & BENEFITS

FEATURE	BENEFIT
• Acrylic based finishes	Good dirt repellence
• Increased rate of drying (FD PMR)	Reduced wash off at low temperatures and high RH
• Proven Mildew Resistance	Reduced mould growth
• Extensive colour range	Decorative and aesthetically pleasing
• Vapour permeable	Allows vapour transmission

## PROPERTIES

**Drying Time** - Drying of the finishes are dependent on the air temperature, relative humidity and coating thickness. Under average conditions 20°C, 55% RH, the finish will dry within 24 hours, but should be protected from the possibility of heavy rain during this period. Lower temperatures and higher humidities will require that the FD PMR finish be protected for longer during the drying period.



## USES

FD PMR finishes can be applied over properly prepared substrates such as Dryvit External Wall Insulation (EWI) and Anti Crack Render (ACR) Systems, exterior masonry, render, precast and cast-in-situ concrete and other approved substrates.

## COLOURS

All finishes are available in standard colours as well as custom colours.

## TEXTURE

The finishes achieve a texture, which is governed by aggregate size as well as the trowel motion in finishing the wall. Quarzputz produces the coarsest textured finish of the range, which is ideal for masking surface imperfections. Sandblast produces a sand-like texture, Sandpebble a medium pebbly texture and Sandpebble Fine the finest sandy textured finish.

## PACKAGING

The finishes are shipped in 24.72 kg pails.

## COVERAGE

Quarzputz: approximately 9 m<sup>2</sup> per pail.  
Sandblast: approximately 10 m<sup>2</sup> per pail.  
Sandpebble: approximately 9 m<sup>2</sup> per pail.  
Sandpebble Fine: approximately 12 m<sup>2</sup> per pail.

All coverages are approximate and depend upon substrate profile, details and individual application technique. Estimates take no account of wastage.



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## TEXTURE AGGREGATE SIZES

FDPMR Texture	Nominal Aggregate Size (mm)
Quarzputz	2.0
Sandpebble	1.6
Sandpebble Fine	1.2
Sandblast	1.2

## SURFACE PREPARATION

Surfaces must be smooth, clean, dry, structurally sound and free of efflorescence, grease, loose paint, oil, form release agents and curing compounds. Air and surface temperature for application of FD PMR finishes must be from 1°C to 20°C and must remain so for a minimum of 24 hours. The material temperature must be lower than 25°C. It is recommended to prime the surface with Color Prime S or Color Prime Plus before the finish application. Surfaces must be lightly sanded before application of primer.

**Dryvit Reinforced Base Coat:** The base coat must be dry and cured for a minimum of 24 hours before application of primer and finish.

**Concrete:** Shall have cured a minimum of 28 days prior to application of the finishes. If efflorescence, form release agents or curing compounds are present on the concrete surface, the surface shall be thoroughly washed with Dryvit Efflorescence Remover or equivalent product and flushed to remove residual acid. All projections shall be removed and small voids filled with Dryvit Fibercoat or Genesis DM Plus (see product data sheets for mixing and application) prior to the application of FD PMR finishes.

**Masonry:** The masonry surface, with joints struck flush, shall be "skim coated" with Dryvit Fibercoat or Genesis DM Plus (see product data sheets for mixing and application) to produce a smooth, level surface.

**Render:** Primer and finish shall be applied over the cured base coat. If additives are present in the stucco, a test patch shall be made and bond strength checked prior to application.

## MIXING

Mix FD PMR finishes with a slow speed drill (400-500 rpm) and paddle for approximately 1-1.5 minutes until a uniform workable consistency is attained, just prior to application. A small amount of clean potable water may be added to adjust workability. Always add the same amount of water to each pail to avoid colour variation.

## APPLICATION METHOD

Using a stainless steel trowel, apply and level a coat of FD PMR finish to an uniform thickness (no thicker than the largest aggregate size). Float the finish lightly with a plastic float. Use the same final trowelling tool and hand motion over the entire wall. The application of the finish should be done constantly (without interruptions).

## MAINTENANCE

FD PMR finishes can be washed using suitable fungicidal wash. After application the washed surface should be rinsed with water. Maximum cleaning pressure of 120 atmospheres. The distance of the washing nozzle from the wall should be 0.4-0.5 m

## STORAGE

Store in sealed original packaging, in dry condition at temperatures between 4°C and 25°C, for a maximum of 24 months from the production date indicated on the packaging. Protect the packaging against damages and direct impact of atmospheric conditions and moisture.

## CAUTIONS & LIMITATIONS

FD PMR finishes must not be used on exposed exterior horizontal surfaces. Minimum slope is 6 in 12 which is 27°. Maximum length of slope is 300 mm.

FD PMR finishes shall not be used below grade.

FD PMR finishes are not intended for direct-applied, vertical applications over exterior type gypsum based sheathing board, foam plastic insulation or other type insulation board.

FD PMR finishes shall not be returned into any sealant joint. Instead, a coat of Dryvit Color Prime, Color Prime Plus or Dryvit Demandit Smooth should be applied over the base coat in the joint.

Minimise exposure of materials to temperatures over 25°C. FD PMR finishes exposed to temperatures above this for even short periods may exhibit skinning, increased viscosity, and should be inspected prior to use.

## CLEANING

All equipment must be washed with clean water immediately after use and while the finishes are still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

## HEALTH & SAFETY

Refer to the relevant System Application Instructions and the product Safety Data Sheet.

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