

# FD PMR FINISHES

Proven Mildew Resistant Finishes with Drying Accelerator



DUK 1001



## 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 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. 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. The finishes and coatings are suitable for interior applications. All finishes can be trowel applied or spray applied with a hopper gun or pole gun-type sprayer.

## 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

All coverages are approximate and depend upon substrate profile, details and individual application technique. Estimates take no account of wastage  
**Quarzputz FD PMR:** approximately 10 m<sup>2</sup> per pail.  
**Sandblast FD PMR:** approximately 11 m<sup>2</sup> per pail.  
**Sandpebble FD PMR:** approximately 9 m<sup>2</sup> per pail.  
**Sandpebble Fine FD PMR:** approximately 11.5 m<sup>2</sup> per pail.

## SPECIFICATION

Specification clauses relating to this product can be found in NBS sections M21 Insulation with Rendered Finish, M20 rendered coatings and M60 Acrylic based finishing coatings. Please consult Dryvit UK Ltd.



# FD PMR FINISHES

## Proven Mildew Resistant Finishes with Drying Accelerator

### SURFACE PREPARATION

Wall surfaces must be smooth and free from imperfections to ensure satisfactory finish appearance. They must be clean dry and structurally sound and free from efflorescence, grease oil, form release and curing compounds.

**Dryvit Reinforced Base Coat:** The base coat must be dry and cured for a minimum of 24 hours and free from any efflorescence before application of any 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 hydrochloric acid and flushed to remove residual acid. All projections shall be removed and small voids filled with either Dryvit Primus, Primus M, Genesis or Genesis DM mixture (see product data sheets for mixing and application). Dryvit Color Prime™ or Primer with Sand™ shall be applied to the prepared concrete surface (see product data sheet for mixing and application) prior to application of the finish.

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

**Render:** Dryvit Color Prime or Primer with Sand shall be applied over the cured base coat surface (see product data sheet for mixing and application) prior to applying the finish. If additives are present in the stucco, a test patch shall be made and bond strength checked prior to application.

### MIXING

Some settling of the finish may occur during shipping. Thoroughly mix the finish with a slow speed drill (450-500 rpm) and paddle until a uniform workable consistency is attained. 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

At the time of application and during the drying period the air and substrate temperatures must not drop below + 1°C or rise above + 32°C.

**Quarzputz FD PMR or Sandblast FD PMR:** using a stainless steel trowel, apply and level a coat of Finish to a uniform thickness (Quarzputz FD PMR – no thicker than the largest aggregate; Sandblast FD PMR – applied in a thickness of 1.2 mm – approximately 1.5 times the largest aggregate.) The textures are achieved by uniform hand motion and/or type of tool used. Maintain wet edge for uniformity of colour and texture.

**Sandpebble FD PMR and Sandpebble Fine FD PMR:** roughly apply an even coat of finish to a thickness slightly thicker than the largest aggregate size. Then pull across the rough application coat using a horizontal trowel motion and develop a uniform thickness no greater than the largest aggregate of the material. The textures are achieved by uniform hand motion and/or type of tool used. Maintain wet edge for uniformity of colour and texture.

## DUK 1001

### STORAGE

Finishes must be stored at a minimum of 4°C in tightly sealed containers protected from weather and out of direct sunlight.

### 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 300mm.

FD PMR finishes shall not be used below grade when applied as the finish for a Dryvit system.

FD PMR finishes are not intended for direct-applied, vertical applications over cement particle board, 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 or Dryvit Demandit should be applied over the base coat in the joint.

Minimise exposure of materials to temperatures over 32°C.

FD PMR finishes exposed to temperatures over 25°C during application, even for short periods may exhibit skinning and/or 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

Wear suitable protective clothing and eye protection. The use of barrier creams provides additional skin protection. In case of contact with eyes, flush the affected eye with clean water for at least 20 minutes, tilt the head to prevent chemical from transferring to the uncontaminated eye and seek medical advice immediately after flushing. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water.

### DISPOSAL

FD PMR finishes are not listed as dangerous waste, but disposal must be in accordance with local and national legislation. The European waste code for Polymer Emulsions is 08 01 12. Fully cured residues are not considered as hazardous waste.

### FIRE

FD PMR finishes are non-flammable.

**FURTHER INFORMATION** – Refer to Application Instructions and the product Safety Data Sheet.

Dryvit UK Ltd  
Unit 4 Wren Park  
Hitchin Road  
Shefford,  
Bedfordshire  
SG17 5JD  
01462 819555  
Email: [ukenquiries@dryvit.com](mailto:ukenquiries@dryvit.com)  
[www.dryvit.co.uk](http://www.dryvit.co.uk)

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit UK Ltd. products as of the date of publication of this document and is presented in good faith. Dryvit UK Ltd. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit UK Ltd.

