

## MURFILL

### DESCRIPTION

Elastic and waterproof coating based on waterdispersed high polymers.

### APPLICATION

Coating and waterproofing of walls and façades.

### FEATURES

400 % elastic - waterproof and water vapour permeable - excellent resistance against ageing in normal and industrial environment - protects reinforced concrete against carbonatation and corrosion - can be combined with Murfill fleece for additional mechanical reinforcement and for bridging of (active) cracks.

### TECHNICAL DATA

Binder : plastified acrylic resins  
Finish : satin matt  
Gloss (60°) : ± 8  
Colour (s) : white + colours  
Solids content (ASTM, D1644/a) :  
in volume : 47 - 50 %  
in weight : 60 - 63 %  
Density (ASTM, D1475, 20°C) : 1,33 - 1,37 g/cm<sup>3</sup> (white)  
VOC-content : max. 40 g/l  
(Volatile Organic Compounds)  
Consumption : Fleece, in combination with fleece (> 1,3 kg/m<sup>2</sup>).  
300 - 600 g/m<sup>2</sup> per coat depending on the application and the substrate.

Thickness : wet film : 300 micron (cons.: 400 g/m<sup>2</sup>)  
dry film : 140 micron (cons.: 400 g/m<sup>2</sup>)  
Drying times \* : dustfree : 45 minutes  
(for t° 20°C) \* : rain resistant : ± 8 hours  
(for R.H. 60%) \* : recoatable : 24 hours  
\* : full cure : ± 2 days  
Flashpoint (DIN53213) : not flammable

### INSTRUCTIONS FOR USE

Ambient conditions : Minimum temperature : 5°C  
Max. 80% R.H.  
Dilution : Apply undiluted.  
Cleaning tools : water  
Airless : If necessary, dilute with 2 - 5 % water.  
Nozzle : 18 - 23 Pressure : 200 bars  
Conventional spray-gun : no  
Brush : Do not dilute and apply in **thick** coat.  
Roller : Do not dilute and apply in **thick** coat.

### **PREPARATION OF THE SUBSTRATE**

Murfill can be applied directly on old (sound) paintwork after thorough brushing down. Chalking paints or substrates must be treated first with diluted Primer 44, or with Pegafix, when the old paint coat (acrylic paint or Murfill) is affected by the solvents of Primer 44.

New or unpainted substrates : on porous materials apply first a coat of Primer 44 diluted with 30 % Thinner 22 or Pegafix.

On smooth non porous substrates apply a coat of Pegalink white or a coat of Noxyde (except for white) diluted with 25 % water.

Cracks < 0.5 mm wide : fill up with Murfill.

Cracks > 0.5 mm wide : fill up with Elastofill or Mur-Filler. Active cracks must be bridged with Murfill fleece.

### **ADDITIONAL INFORMATION**

Transport codes :       ADR-classification : not ADR / UN-code : none

Packing :               1 - 5 - 25 kg

Storage stability : At least 24 months, provided the original tin is properly sealed and kept in a cool, dry and frost free place.

AFNOR Classification : Group II, class 7b2

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith.

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