

PRODUCT DATA MURFILL WATERPROOFING COATING

DESCRIPTION

Elastic and waterproof coating based on waterdispersed high polymers.

MAIN PROPERTIES

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

RECOMMENDED USES

Coating and waterproofing of walls and façades.

TECHNICAL DATA

Appearance:	Satin matt (gloss 60°: ± 8%)
Colour:	White + colours (see colour chart) + mixing machine colours (pastel shades)
Density:	1,33 – 1,37 g/cm ³ (white)
Solids Content:	In volume: 47 - 50% In weight: 60 - 63%
Recommended film thickness:	Wet film: 300 µm (coverage: 400 g/m ²) Dry film: 140 µm (coverage: 400 g/m ²)
Flashpoint:	Not flammable
VOC-content:	25 g/l max.
Ready-for-use mixture:	25 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

DRYING TIMES 20°C / 50% R.H.

To touch:	45 minutes
To handle:	± 8 hours
To recoat:	24 hours
Full hardness	± 2 days

COVERAGE

In combination with fleece > 1,3 kg/m².

300 - 600 g/m² per coat depending on the application and the substrate.

SURFACE PREPARATION

Murfill Waterproofing Coating can be applied directly on old (sound) paintwork after thorough brushing down.

Chalking paints or substrates must be treated first with Primer 44HS or with Pegafix, when the old paint coat (acrylic paint or Murfill Waterproofing Coating) is affected by the solvents of Primer 44HS.

New or unpainted substrates: on porous materials apply first a coat of Primer 4HS 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 Waterproofing Coating.

Cracks > 0.5 mm wide: fill up with Elastofill or Mur-Filler.

Active cracks must be bridged with Murfill fleece.

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DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION & THINNING

Brush: Do not dilute and apply in thick coat.

Roller: Do not dilute and apply in thick coat.

Air-atomised spray: Not possible.

Airless spray: If necessary, dilute with 2 - 5% water.
Nozzle: 18 – 23 / Pressure: 200 bars.

Cleanup: Water.

APPLICATION CONDITIONS

Minimum temperature: 5°C / Maximum 80% R.H.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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