



MURFILL® WATERPROOFING COATING

High build elastic exterior waterproof wall coating

- 400 % Elastic
- Waterproof and water vapour permeable
- Excellent colour retention in exterior atmospheric environment
- Protects reinforced concrete against carbonisation and corrosion
- Can be combined with Murfill® fleece for additional mechanical reinforcement and for bridging of (active) cracks

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DESCRIPTION

Semi-thick facade coating based on high polymers in water dispersion, waterproof, microporous to vapour and resistant to active cracking. Permanent elasticity of 400%, can be combined with Murfill to bridge joints and active cracks. Provides long-term protection for reinforced concrete against carbonation and rebar corrosion. This protective coating provides exceptional resistance to soiling and atmospheric pollution in rural, urban, maritime and industrial environments. Facades treated with Murfill® are thus protected against water infiltration, masonry splinters and cracks, and natural soiling, to keep buildings looking new and enhance their heritage.

RECOMMENDED USE

Coating and waterproofing of walls and façades.

TECHNICAL DATA

Density (g/cm³):	1,33 - 1,37 g/cm³ (wit)
Gloss Level:	Semi-Matt
Gloss level at 60°:	8-10%
Gloss level at 85°:	13-16%
Solids Content in weight:	60 - 63%
Solids content in volume:	47 - 50%

DRY TIMES BY 20° C/RH 50%

Touch dry:	45 minutes
Dry to handle:	± 8 hours
Dry to recoat:	24 hours
Fully cured:	± 2 days

RECOMMENDED WET FILM THICKNESS

300 µm (coverage: 400 g/m²)

RECOMMENDED DRY FILM THICKNESS

140 µm (coverage: 400 g/m²)

THEORETICAL CONSUMPTION

- 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 Plus diluted with 20% water. For stain, graffiti blocking and/or very fast recoating on all substrates, use Zinsser primers Bulls Eye 123 or 123 Plus, or Cover-Stain. 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.

DIRECTIONS FOR USE

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

APPLICATION CONDITIONS

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

APPLICATION & THINNING: BRUSH

Do not dilute and apply in thick coat.

APPLICATION & THINNING: ROLLER

Do not dilute and apply in thick coat.

APPLICATION & THINNING: AIRLESS SPRAY

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

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Not possible.

CLEANING OF EQUIPMENT / SPILLS

Water.

REMARKS

For any information regarding options of guarantee with this system, please contact Technical Service.

TEST DATA

Resistance to diffusion of CO₂: Sd 275 (Class C1 ISO 1062-1).

SAFETY DATA

VOC level:	25 g/l max.
VOC category:	A/i
VOC limit:	140 g/l (2007) / 140 g/l (2010)
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 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.

Date issued: 22/06/2026

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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