

Murfill-systems:

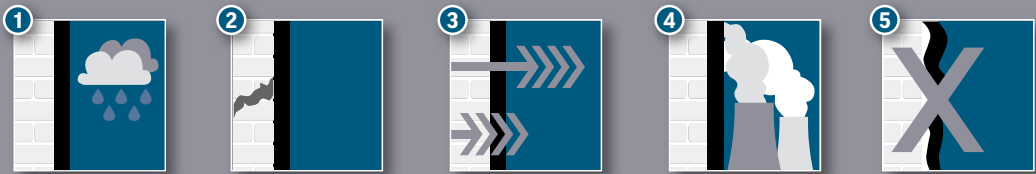
Well thought out solutions for all external walls

Enduring protection and embellishment

An enduring protection and regular maintenance if vitally important for your façade. Mathys offers **three** world class **products for new construction, renovation or maintenance** of residences.



- Murfill Waterproofing Coating**
Tried and tested quality for waterproofing any façade.
 - 100 % waterproof:** ① a façade treated with Murfill Waterproofing Coating is guaranteed to remain bone-dry
 - 400% elastic:** ②+⑤ the permanent elasticity protects your façade optimally in all circumstances and prevents tears, flaking and blistering
 - Permeable to water vapour:** ③ the base can breathe at all times with Murfill Waterproofing Coating
 - Crack bridging** ②
 - resistant to contamination ④ and ageing in all weather conditions and climates
 - Water-based**
 - Colourfast:** the unique Murfill-formula means that even deep and dark colours are not affected by sunlight
 - Protects** reinforced concrete against carbonation, penetration of chlorides and corrosion
 - Satin mat** aspect
- Murfill Quartz**
Effective and multipurpose
 - 100 % waterproof** ①
 - Elastic** ②+⑤
 - Permeable for water vapour** ③
 - Extremely resistant to ageing**
 - Fine quartz structure** camouflages unevenness
 - Available in white
- Murfill Renovation Paint**
Renovating and embellishing façades
 - 500 % elastic** ②+⑤
 - Repairs and permanently prevents hairline cracks**, even with minimal layer thickness
 - Permanently elastic to -30°C**
 - Permeable to water vapour** ③
 - Extremely resistant to ageing**
 - Excellent resistance to contamination** ④
 - Soft-mat look**
 - Unlimited range of colours** thanks to the ColourShop2 tinting machine



The high coverage and elasticity of Murfill Waterproofing Coating save your façade from ageing, damage and the permeation of damp.

To bridge dynamic cracks and for extra mechanical reinforcement we recommend combining Murfill Waterproofing Coating with Murfill Membrane (woven or unwoven).



“Waterproof” guarantee

You are guaranteed a permanent attractive result with Murfill products. Mathys offers you diverse guarantee systems:

- Murfill Waterproofing Coating**
- 10 year product guarantee¹

- Murfill Renovation Paint**
- 5 + 5* years of maintenance guarantee

The guarantee procedures are available on request.

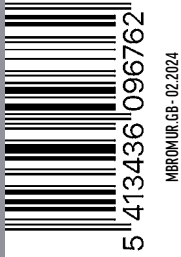
* extension after inspection



¹ To be able to claim on this guarantee, you must call in the assistance of a technical advisor from Mathys. For more information about the conditions of our guarantee do not hesitate to contact your paint wholesaler or the technical and commercial services at Mathys

Murfill Systems. Your partner in protecting and embellishing new construction and renovation façades. For optimal and enduring solutions. 100% waterproof. Guaranteed.

Your distributor:



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QUALITY RELIABILITY GUARANTEE



Murfill-systems:

The right treatment for every façade

| | Murfill Waterproofing Coating (WP) | Murfill Quartz | Murfill Renovation Paint |
|--|--|------------------------------|-----------------------------|
| Cleaning and pretreatment | | | |
| Old, previously painted facades in good condition | Brush of well and apply directly | | |
| Chalky mineral facades / bare, very porous façades | Treat with Fixonal or MurPrim S NF | Treat with Pegafix Universal | |
| Painted and chalked facades | Treat with Pegafix Universal or Fixonal | | |
| Bare, normal pourous facades | Treat with Pegaprim Exterior | | |
| Bare, very pourous facades | Treat with Pegafix Universal or Primer 44HS | | |
| Smooth, non-porous facades | Spread a coat of Noxyde® Plus, thinned with 20% water | | |
| Briding tears | | | |
| < 0,5mm | Fill with the Murfill-product that you are using | | |
| >0,7mm | Seal with Murfill or ElastoPro for bridging dynamic tears and for extra mechanical reinforcement you best combine Murfill WP with Murfill mebrance | | |
| Finishing | | | |
| | Finish with 2 coat of the Murfill product that you are using. | | |

A unique product with unique characteristics

| | Murfill Waterproofing Coating | Murfill Quartz | Murfill Renovation Paint |
|-----------------|--|-----------------------|--|
| Water-based | Yes | | |
| Aspect | Semi-matt | Fine quartz structure | Matt |
| Characteristics | Waterproofing and crack bridging | | Crack bridging renovation paint |
| Coverage | Waterproofing: 900 gr/m²: without membrane Reinforced waterproofing: combined with woven or unwoven Murfill membrane: 1,3 kg/m² | 1-2,5 kg/m² | 400-600 gr/m² |
| Drying time | Can be painted over after 1 day | | |
| Packaging | 1 – 6 – 15 kg white 6 – 15 kg Base P plus standard colours | 6 – 15 kg white | 1 – 6 – 15 kg white 6 – 15 kg Base P, D & TR |

For more technical information, test reports, documentation and advice, contact your Murfill-dealer or your commercial contact at Rust-Oleum Mathys.

These guidelines are provided for information purposes only. Since the manufacturer is unable to exercise any control over the correct application and processing of the products, he cannot accept any responsibility for this.

Performing well on water-vapour transmission

| | Primer | Intermediate coat | Top coat | Measured Dry Film Thickness (µm) | Water vapour transmission (V) according to ISO 7783 | Water vapour diffusion-equivalent air layer thickness, Sd (m) |
|------------------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------------|---|---|
| | | | | | V (g/m²/24h) | |
| Murfill Waterproofing Coating (WP) | Pegafix universal 105-175 g/m² | Murfill waterproofing 300 g/m² | Paracem Universal 125 g/m² | 147 | 27 g/m² | 0,88 m |
| Murfill Waterproofing Coating (WP) | Murprim S 172 g/m² | Murfill waterproofing 300 g/m² | Paracem Universal 125 g/m² | 178 | 18 g/m² | 1,3 m |
| Murfill Renovation Paint | Murprim S 172 g/m² | N/A | Murfill Renovation 2x200 g/m² | 184 | 17 g/m² | 1,4 m |

Water vapour transmission (V) according to ISO 7783

ISO 7783 is a standard that specifies a method for determining the water-vapour transmission properties of coatings of paints, varnishes and related products. The water vapour transmission current density indicates how many grams of water vapour can diffuse per square metre area in one day through a paint layer.

Water vapour diffusion-equivalent air layer thickness, Sd (m)

This is a useful measure of breathability as it measures a materials resistance to the transmission of water vapour through it. This can only be quoted for a particular thickness of material and is measured in metres. The units of Sd are given in metres and it refers to the resistance shown by the equivalent thickness of air, so the lower the number the better the breathability.



Paints with good water vapour permeability (‘breathability’) enable humidity contained in building structures to be quickly released unhindered into the environment, avoiding moisture build up between coating and substrate.

This helps to protect building structures from the damaging effects of build up of moisture.

