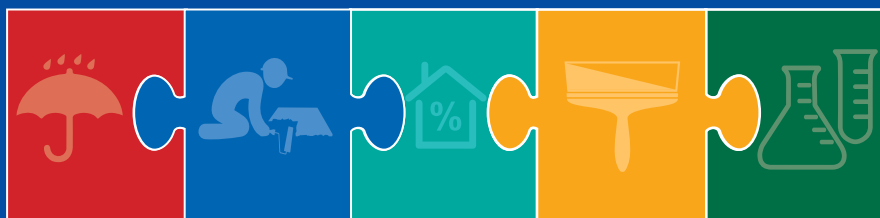




NEW PRODUCTS 2016



Waterproofing Systems

■ Neoproof® Polyurea R

Description

Two-component, brushable elastomeric polyurea waterproofing coating for the protection of various surfaces. It exhibits long UV stability, remarkable water uptake and very high mechanical properties

Fields of application

- ▶ Roofs made of concrete, cement tiles, cementitious screeds
- ▶ Metallic surfaces (with the appropriate primer)
- ▶ New or old PU coatings
- ▶ Waterproofing under tiles
- ▶ Protection of PU foam

Properties - Advantages

- ▶ UV stable and walkable
- ▶ Impeccable water uptake resistance (zero absorption)
- ▶ Very high mechanical properties
- ▶ Blister-free final surface
- ▶ Also applicable with conventional spraying equipment



Appearance / Colour

Viscous Liquid/ White

Packing

Sets (A+B) of 19kg

TECHNICAL CHARACTERISTICS

Hardness Shore A (ASTM 2240)	73
Adhesion strength (ASTM D4541)	>3N/mm ²
Tensile strain at break (ASTM D412)	8,6N/mm ²
Elongation at break (ASTM D412)	430%
Service Temperature	-35°C min. / +80°C max.
Consumption	1,2kg/m² for 2 layers (cementitious surfaces)

■ Neoproof® Polyurea L

Description

Two-component, brushable elastomeric, pure aliphatic polyurea waterproofing coating, for the protection of exposed roofs. It exhibits outstanding UV stability, remarkable water uptake and very high mechanical properties, thus protecting the substrate for ultra-long time periods

Fields of application

- ▶ Roofs made of concrete, cement tiles, cementitious screeds
- ▶ Top coating over aromatic sprayable polyurea systems
- ▶ Metallic surfaces (with the appropriate primer)
- ▶ New or old PU coatings

Properties - Advantages

- ▶ UV stable and walkable
- ▶ Impeccable water uptake resistance (zero absorption)
- ▶ Very high mechanical properties
- ▶ Blister-free final surface
- ▶ Also applicable with conventional spraying equipment



Appearance / Colour

Viscous Liquid/ White

Packing

Sets (A+B) of 21kg

TECHNICAL CHARACTERISTICS

Hardness Shore A (ASTM 2240)	78
Adhesion strength (ASTM D4541)	>3N/mm ²
Tensile strain at break (ASTM D412)	10,1N/mm ²
Elongation at break (ASTM D412)	470%
Service Temperature	-35°C min. / +80°C max.
Consumption	1,2kg/m² for 2 layers (cementitious surfaces)

■ Neoproof® Polyurea C1

Description

Innovative, two-component, high-build elastomeric brushable polyurea waterproofing coating for exposed roofs. It is applied in a single coat, ideal for time-demanding projects

Fields of application

- ▶ Roofs made of concrete, cement tiles, cementitious screeds
- ▶ Metallic surfaces (with the appropriate primer)
- ▶ New or old PU coatings
- ▶ Protection of PU foam insulation

Properties - Advantages

- ▶ UV stable and walkable
- ▶ Impeccable water uptake resistance (zero absorption)
- ▶ Very high mechanical properties
- ▶ Blister-free final surface
- ▶ Also applicable with conventional spraying equipment

TECHNICAL CHARACTERISTICS	
Hardness Shore A (ASTM 2240)	76
Adhesion strength (ASTM D4541)	>3N/mm ²
Elongation at break (ASTM D412)	460%
Tensile strain at break (ASTM D412)	9,8N/mm ²
Service Temperature	-35°C min. / +80°C max.
Consumption	0,75kg/m² in a single layer (cementitious surfaces)



Appearance / Colour

Viscous Liquid/ White

Packing

Sets (A+B) of 20kg

■ Neoproof® PU360

Description

Water-based modified polyurethane elastomeric waterproofing coating, ideal for non-exposed applications on horizontal or vertical construction surfaces before plastering, tiling or laying of cementitious screeds and mortars

Fields of application

- ▶ Under tiles in wet rooms (bathrooms, kitchens, etc.), terraces and roofs
- ▶ On drywall panels before plastering, tiling etc.

Properties - Advantages

- ▶ Increased resistance to bending and stretching
- ▶ Excellent compatibility in case of a subsequent cementitious layer (tile adhesive, cementitious screed)
- ▶ High adhesion and crack-bridging properties
- ▶ Applicable on various construction surfaces (concrete, plaster, metal, wood, etc.)
- ▶ Eco-friendly (does not contain solvents or bitumen) & User-friendly (one-component, water-based)

TECHNICAL CHARACTERISTICS	
Density (EN ISO 2811-1:2011)	1,44kg/L
pH (ISO 1148)	8 – 9
Adhesion to concrete (ASTM D4541)	> 2,5N/mm ²
Hardness shore A (EN ISO 868:2003/ASTM D2240)	70
Degree of adhesion of modified mortar on the membrane	> 2N/mm ² after 14 days
Absorption Coefficient (EN 1062-3:2008)	0,00 kg/m ² min ^{0.5}
Service Temperature	-5°C min. / +80°C max.
Consumption	1-1,2kg/m² for two layers (cementitious surface)



Appearance / Colour

Viscous liquid / White
Also available in other shades upon request

Packing

13kg and 4kg in plastic containers

Silimper[®] Nano

Description

Silane-siloxane water-based nano-molecular impregnation compound, with high penetrating ability and hydrophobic performance, ideal for applications on exterior and interior construction surfaces as a water-repellent

Fields of application

Vertical (or inclined) mineral porous surfaces, such as concrete, plasters and renderings, asbestos cement, limestone, brick, roof tiles, stone with continuous surface (i.e. without cracks)

Properties - Advantages

- ▶ Exhibits high penetration, due to its nano-molecular structure, minimizing the water up-take
- ▶ Prevents rain from impregnating the surface & protects it from cracking due to frost
- ▶ Facilitates the cleaning of the surface by limiting dirt pick-up & fungal growth
- ▶ Vapour permeable, allows the structure to "breathe"
- ▶ Does not form a skin on the surface and does not alter its appearance



Appearance (cured)

Transparent

Packing

20L, 3L and 1L in plastic containers

TECHNICAL CHARACTERISTICS

Density (EN ISO 2811.01)	1,00kg/L
pH (ISO 1148)	7,5 – 8,5
Water penetration value (concrete surface) (RILEM Test Method 11.4)	0 ml/min
Consumption	100-200ml/m² per layer (depending on the application method and the absorptivity of the substrate)

Resinous Flooring

Neopox[®] Primer WS

Description

Two-component solvent-free epoxy primer, suitable for damp surfaces

Fields of application

- ▶ Damp concrete floors –with water gathered in the pores- which will be covered with epoxy coatings and systems (Epoxol[®], Neopox[®])
- ▶ Old cement-based surfaces which require stabilization

TECHNICAL CHARACTERISTICS - CURING DETAILS

Mixing ratio (by weight)	100:60
Adhesion strength (EN 13892-8)	≥ 3,0N/mm ²
Drying time (+25°C)	9 hours
Consumption	200-300gr/m² per layer (depending on substrate absorptivity)



Appearance / Colour

Transparent, yellowish

Packing

Sets (A+B) of 10kg



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