IZO FLEX

Two-component waterproofing compound

GREY COLOUR **WHITE COLOUR**

UNIT A	UNITS/PALLET A	UNIT B	UNITS/PALLET B
25 kg/bag	48 units/pallet	8 kg/bag	48 units/pallet

PRODUCT DESCRIPTION

Two-component material on a cement and waterproofing base, elastic, with a protective function for terraces, foundations and basements.

PROPERTIES

Two-component cementitious waterproofing with selected inert aggregates, special additives and synthetic polymers in aqueous dispersion. Mixing the two components produces a compound that can also be applied to vertical surfaces in a layer thickness of up to 1 mm. Thanks to the high content of synthetic resins and their properties, it guarantees outstanding adhesion on all concrete, brick and ceramic surfaces (pre-treated). Once cured, it forms an elastic, weather-resistant waterproofing layer.

FIELDS OF APPLICATION

Application of waterproofing membranes before laying tiles indoors and outdoors. Flexible and water-resistant protective layer for concrete and rendered surfaces. The higher the water pressure, the thicker the product must be applied. Waterproofing and protective coating of concrete surfaces exposed to chemical attack (e.g. de-icing salts, sulphates). Waterproofing and elastic levelling layer for cracked renders. Protective coating of foundation walls. Suitable for surfaces subject to vibration or deformation. Waterproofing of matured concrete in swimming pools (over 6 months).

SUBSTRATE PREPARATION

Cement floors on balconies, terraces and swimming pools must have a suitable slope and be free of holes. Any protruding wires or iron must be cut back to a depth of 3 cm and the opening filled as described. The surface to be treated must be clean, sound and stable. In old buildings, existing renders must be removed up to 35 cm above the moisture level. When overlaying tiles on existing ceramic tiles, make sure that these adhere firmly; clean the surface carefully. Renders must be cured (7 days per cm of thickness), adherent and mechanically resistant. Dampen the surface before applying IZOFLEX.

APPLICATION

Place component B (liquid) in a clean container, then slowly add component A (powder) and mix mechanically at low speed until a homogeneous mass is obtained. Do not mix by hand. Apply with a brush or roller in several coats depending on the water protection required. Layer thickness 1 mm. Apply the next coat once the previous one has dried. Protect from high temperatures, rain, etc. At connecting corners and heavily stressed areas, reinforce with 10 cm glass-fibre tape; on badly damaged surfaces, cover completely with a 125 g/m² glass-fibre mesh.

STORAGE AND SHELF LIFE

12 months in a dry environment, store on wooden boards. Production date on the packaging. Packaging: A 25 kg, B 8 kg.

Standard: System “3” according to ZA.2 to EN 14891:2012, EN 14891:2012/AC:2012

TECHNICAL DATA

DESIGNATION	A	B
State	**Powder**	**Liquid**
Appearance	**Grey**	**White**
Bulk density	**1.5 g/cm³**	**1.1 g/cm³**
Dry substance	**100%**	**50%**
Flammability	**Non-flammable**	
Colour of the mix	**Grey**	
Mixing ratio	**25**	**8**
Consistency of the mix	**Brushable**	
Density of the mix	**1.7 g/cm³**	
Working time	**260 min**	
Application temperature	**from +8 °C to +30 °C**	
Maximum layer thickness per coat	**1 mm**	
Time between coats	**4–5 hrs**	
Time before tiling	**24 hrs**	
Shelf life	**12 months**	

DECLARATION OF PERFORMANCE

CE **TITANIUM**
EN 14891:2012

Manufacturer: REFIX SH.P.K. RKS
DoP 008/30.09.2025
Standard: EN 14891:2012

Two-component waterproofing compound IZOFLEX · Liquid-applied water-impermeable products for use beneath ceramic tiling bonded with adhesives

Release of dangerous substances	**see safety data sheet (MSDS)**
Initial tensile adhesion strength	**≥ 0.5 N/mm²**
Tensile adhesion strength after heat ageing	**≥ 0.5 N/mm²**
Tensile adhesion strength after water contact	**≥ 0.5 N/mm²**
Tensile adhesion strength after contact with lime water	**≥ 0.5 N/mm²**
Watertightness	**no penetration**
Crack-bridging ability	**≥ 0.75 mm**
Tensile adhesion strength after freeze-thaw cycles	**≥ 0.5 N/mm²**