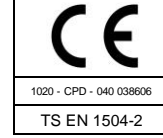




Technical Data Sheet

TEYAPLAST-2K®

Two component cement based elastic waterproofing material



Description:

Semi-elastic, cement based waterproofing slurry which is effective to both negative and positive water pressure.

Areas of Application:

- TEYAPLAST-2K can be used to waterproof,
- Water tanks (suitable for potable water tanks, no toxic effect.),
 - Pools,
 - Terraces and balconies,
 - Wet areas such as baths, toilets, kitchens and laundries,
 - Concrete faces of buildings,
 - Basements from both negative and positive sides,
 - Retaining walls.

Properties/Advantages:

- Water tight up to 20 m. water column,
- Perfect adhesion to concrete surfaces,
- Crack bridging (shrinkage cracks),
- Suitable to use with reinforcement mash,
- High impact resistance,
- Application without joints is possible.
- Elastic
- Zero VOC

Technical Data:

Basis:	cement based slurry
Color:	grey
Density:	1,8 – 1,9 kg/liter
Pot life:	30 minutes after mixing
Flexural strength:	80 kg/cm ²
Compressive strength:	250 kg/cm ²
Adhesion strength:	25 kg/cm ²
Elasticity modulus:	30.000 kg/cm ² (x10 more elastic than the concrete.)
Water tight up to:	with 4 kg/m ² consumption constituting 2 mm. thickness up to 20 m. water column.

Application/surface

temperature: +8°C - 30°C
Curing time: 7 days at 20°C - 23°C

Packaging:

25 kg set. (19 kg powder + 6 kg liquid)

Storage:

The product can be kept for 6 months in a dry condition.

Surface Preparation:

All loose particles and particles which can prevent adhesion must be removed from the surface. ASOCRET-130 and ASOCRET-105 repair mortar shall be used to repair irregularities if needed.

Product Preparation:

- Mix the two components in a clean pail.
- If needed, with respect to weather and application conditions, water can be mixed into the slurry with a maximum ratio of 10%.

Method of Application:

- Application can be done by a trowel or a brush.
- The thickness of the material varies between 1-2 mm. according to the water pressure.
- For water pressures between 1-5 m. water column the consumption is 3 kg/m².
- If the application will be done for negative pressure, prime the surface with water mixed EMÜLFIX with portions of 1:4.

Consumption:

Wet rooms: 3 kg/m² in two layers
Water tanks, pools and terraces: 3,5-4,0 kg/m² in two layers

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Cleaning:


Clean the tools right after the application.

Important Advices:

- For risky and special applications please ask our assistance.
- Do not apply on the terraces when the weather is too hot or surface is under direct sun light.

Health and Safety:

Refer to MSDS.

	
AB – SCHOMBURG CONSTRUCTION CHEMICALS CO.	
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2163 - CPR – 0249	
TS EN 1504-2: 2008 Cement and polymer modified, Two component, Elastic, Waterproofing	
TEYAPLAST-2K	
PROPERTIES	PERFORMANCE
Bond Strength	$\geq 1.5 \text{ MPa}$
Water Vapor Permeability	Class 3
Capillary Water Absorption	Class 3
Carbon dioxide permeability	> 50 m
Our products do not contain radioactive substance	