

Parex Coat 227

Two-Component Elastic Waterproofing Mortar

PAREX



Description

Cement based, two-component elastic waterproofing material manufactured by modifying chemical additives and polymers, suitable for positive side application assuring water and humidity insulation.

Intended Use

- Vertical and horizontal
- For insulations to be applied from positive
- Water cisterns, pools, water tanks and reservoirs
- Foundations, basement walls, terraces, parking garages, flumes and retaining walls
- In wet areas such as kitchens, balconies and bathrooms

Properties / Benefits

- High bonding capability
- Quick and easy application
- Doesn't block concrete breathing
- No shrinkage and cracking
- Ensures water tightness beneath cement finish and ceramic with its excellent adherence and elasticity properties

Technical Properties

Color	Powder ingredient: gray powder Liquid ingredient: white liquid emulsion
Water vapor permeability	(TSE 1062-3) class 1
Capillary water absorption	(TSE 1062-3) $w < 0,05 \text{ kg/m}^2 \text{ h}^{1/2}$
Density	1,30-1,40 kg/lt (powder) 1,10-1,15 kg/lt (liquid)
Bond strength	$\geq 1,5 \text{ N/mm}^2$
Pressurized water strength	7 bar positive
Mechanical strength	2 days
Water impermeability	4-6 days
Reaction to fire	*Europe Class A1

* According to the decision numbered 2000/605/EC without necessity of sample testing

Surface Preparation

- The application surface must be free of materials such as molding oils, dust, paints, dirt, detergents that prevent bonding.
- Surface cracks must be repaired using Parex repair mortars before application
- Apply chamfering on sharp corners and joints of building elements.
- The surface must be well saturated by damping before application

Application

- **Pour Parex Coat 227** liquid component into a clean container and mix at a low speed and then slowly add **Parex Coat 227** powder component.
- Continue mixing until obtaining a coagulation free and homogenous mixture.
- Wait 10 minutes for the air bubbles to disappear.
- Apply the resultant mixture onto the water absorbed surface using an appropriate brush or trowel to obtain 0,75-1 mm thickness.
- Once the first layer is drawn (4-6 hours), apply the second layer vertical to the first layer.
- A total 1,5-2 mm thickness application shall be achieved.
- Be careful to protect the surface against sunlight, rain and frost during and after the application for 3 days minimum.
- Coat the floors to be stepped on with decorative coatings such as finishing cement, tile, ceramic, glazed tile, etc. 3 days following the application

Consumption

3-4 kg/m²

Packaging

Powder component : In 20 kg kraft bags
Liquid component : In 7,5 kg plastic drums


Storage Life

Expiry date is powder 8-liquid 12 months starting from the date of manufacture provided that the product is stored in a cool area in its unopened original packaging and kept away from direct sunlight and frost.

Safety Precautions / Warnings

- Use between +5°C to +35°C.
- Do not add any foreign materials to the prepared mortar.
- Do not use the expired mortar by mixing water or dry mortar.

- Do not apply under direct sunlight.
 - Do not apply on surfaces hot surfaces exposed to sun for a long time or on frozen surfaces.
 - Absorb the surface by dampening before the application.
 - Rinse the application tools with plenty of water after use.
 - Clean the dried parts mechanically.
 - As the product is cement based, do not inhale the powder and let it come into contact with skin or eyes.
- *Review product's safety data sheet for detailed information on health and safety*

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Parex Coat 226 PAREXGRUP YAPI KİMYASALLARI SAN VE TİC A.Ş. İstanbul Mermerciler San. Sitesi Köşeler Köyü Mevkii 37. Cad No. 18 Dilovası-Kocaeli PERFORMANCE DECLARATION NO: 102 14	
1020-CPR-040-045485 EN 1504-2 Two component waterproofing mortar Coating application 1,3/2,2/8,2 (hydraulic cement - based)	
Carbon dioxide permeability	> 50 m
Water vapor permeability	$V_1 < 5m$
Capillary water absorption and water permeability	$W < 0,1 \text{ kg/m}^2\text{h}^{0,5}$
Ripping off test, bond strength	$\geq 1,0 \text{ N/mm}^2$
Reaction to fire	E class
Hazardous substances	Conforms to article 5,3