



# POOLTEK TOP

Transparent polyurea-aspartic two-component membrane,  
specific for swimming pools



## DESCRIPTION

Transparent polyurea-aspartic two-component membrane, stable to UV rays, cold applicable without the aid of special equipment (see high pressure x two-component pumps, heated pipes, etc.). It replaces bituminous membranes, traditional polyurethane, acrylic, cement-elastic membranes very well, wherever a high-performance hard-elastic coating is needed without changing the aesthetic appearance of the support. The coating has excellent chemical-mechanical resistance characteristics, it is a continuous transparent film with excellent adhesion on cementitious supports, stones, wood and metals.

The good elasticity allows its use on supports subject to microcracking. POOLTEK TOP is indicated in the protection of floor coverings, concrete, marble, swimming pools and fountains, concrete, wood, metal, etc..

The product can be used with roller, brush, spatula and airless spray and is applicable up to 0 ° C, in two coats for a thickness of not less than 0.5-1 mm per hand (recommended final thickness 1.5-2 mm), avoiding waiting more than 24 H (at + 20 ° C and 60 % R.H.) between one hand and the other.

## MEDIA PREPARATION

Remove any residue of dirt, dust, oils, greases, waxes, previous coatings, crumbly and dilapidated parts.

In case of presence of joints, cracks, etc., provide for the sealing of the same with POLYURETHANE sealant (avoid silicones).

In the case of application of POOLTEK TOP on wet or wet surfaces, or with stagnant water, before application dry the support thoroughly, proceed with the prior application of water-based epoxy primer IDROEPOTEK PRIMER and wait 24 hours (at 20 ° C) before applying POOLTEK TOP.

In the case of application of POOLTEK TOP on glassy or vitrified surfaces (see glossy tiles, mosaic tiles in the case of swimming pools, etc.), provide for the prior application of 100 gr / sqm of POOLTEK PRIMER silane primer, waiting a couple of hours (at least 20 ° C) before applying the first layer of POOLTEK TOP.

## APPLICATION

After mixing component A and B individually with different tools, pour component B into the container of component A and mix thoroughly with a drill equipped with a special low-speed helical impeller.

Transfer the mixture to a second DRY AND CLEAN container and mix for a couple of minutes at a low number of revolutions, avoiding too much air.

Apply the product no more than 40 minutes after mixing.

Apply a layer of at least 0.5-1 mm of POOLTEK TOP by brush, roller, brush, airless.

In the case of application of several hands, do not wait more than 24 hours (20°C and 60% RH) between one layer and another.

POOLTEK TOP should be applied at temperatures between 0°C and 40°C.

Do not apply POOLTEK TOP in conditions of impending rain.



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Containers containing POOLTEK TOP (A and B) should be conditioned for 24 hours at 20°C, before application in winter.

## TECHNICAL FEATURES

(at +25°C and 60% U.R.)

|                                   |                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------|
| Cross-linking ratio (a+b)         | 100 + 70 parts weight                                                               |
| Pot life (18°C)                   | 50'                                                                                 |
| Ideal application temperature     | 15 – 25 °c                                                                          |
| Leveling                          | excellent                                                                           |
| Adhesion                          | excellent on brushed concrete with wire brush                                       |
| Elongation at break               | 250%                                                                                |
| Tensile strength                  | 20 n/mm <sup>2</sup>                                                                |
| Tear resistance                   | 40-45 n/mm                                                                          |
| Shore D hardness                  | 50-55                                                                               |
| Recommended application thickness | 1-2 mm                                                                              |
| Hardening                         | Walkable after 24 hours at +25°C and 60% relative humidity<br>Complete after 7 days |

## CLEANING AND MAINTENANCE

Clean tools first with rags or paper sheets, then with butyl acetate (or nitro solvent, do not use water, no alcohol).

## PACKAGING AND STORAGE

Comp A 10 kg buckets

Comp B 7 kg buckets

Six months in the original sealed packages, in a dry place, at temperatures between 5°C and 35°C.

## LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests under the usual conditions of use and exercise. We therefore decline all responsibility for improper use of the product.

