

AQUAPOL TRANS 814

Transparent aliphatic polyurethane based, single component, waterproof liquid membrane which apply for protection

DESCRIPTION:

Transparent aliphatic polyurethane based,
single component, waterproof liquid
membrane which apply for protection.

ADVANTAGES:

Very high mechanic resistant.
UV resistant.
Even if the waterproofing layer is damaged
in any way the damaged part can be easily
repaired in a short time,
Easy implementation.
Maintain transparency even after years.
As being pure polyurethane can contact
continuously with water.
Heat resistance performance in wide
temperature range, it is between -40 °C and
+ 80 °C.
Even if the waterproofing layer is damaged
in any way the damaged part can be easily
repaired in a short time.
Resistant to alkali and chemicals.

USAGE AREAS:

Terraces and balconies,
Ceramic surfaces,
Glass surfaces,
Naturel stones and concretes,

TECHNICAL SPESIFICATION :

(23 °C Temperature and 50 % for relative
humidity)

Coating Type : One Component

Polyurethane

Color : Transparent

Density : 1,00 gr/cm3 ±0.02

Viscosity : 1000-1500 cp

Application Temperature : +5 C ile +30 C

Service Heating :+40 C and +80 C

Teoric Consume : 0,300-1,00 kg/m2

Adhesion to Concrate : < 2,0 N/mm2

QUV (ASTM G53) :3000 hour

Break Resistance : >35 N/mm2

QUV (ASTM G53) : 2000 hour

Application Metod: Roll,Brush,Spray

Dry Time: 6 hours

Coating Again: 8-24 hours

Complete Dry : 7 days

*****These values were obtained as a result
of laboratory tests, just contain finished
applications according to drying time
performance. Due to differences in
temperature and humidity values in the
construction site, the values may change.**



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APPLICATION METHOD:

Surface Preparation:

The surface; must be cured, dry and durable. Loose surface mortar and such as residues should be cleaned and reached durable surface.

The holes and gaps on the surface, should be repaired with the repair mortar prepared by mixing with **DAYMAN PAIR PLUS** and **DAYMAN EPO MORTAR** or **DAYMAN EPO BOND**.

Corner joints should be chamfered by series of **DAYMAN REPAIR PLUS** or **DAYMAN PAH BAND** with the size of 4x4.

Out corner joints should be broken first and then chamfered.

Preparation Of The Mixture:

The product should be mixed by a medium 400-600 rpm.mixer until having a homogenous shape.

Application:

On the ceramic, glass and metal surfaces should be used **DAYMAN AQUA PLUS PR** before the application.

The application should be done by brush, trowel or spray,

After first layer should be waited min.8 - max.24 hour for the second layer.

The instruments that used during the application must be cleaned in 2 hours.

On the primed surface, the bucket can be immerse or poured, use brush or roll until the surface completely covered, apply minimum two layer,

The waiting time between the layer is 48 hour max.

ISSUES TO BE CONSIDERED:

If the weather is rainy or possible rainy days the application should not be done,

After the application it must be protected from strong wind, storm and sun in the first 24 hours,

The application should be made on the part of the structure that comes into contact with water.

As the product become slowly cured in the cold weathers, the second coating must be done when the first coating is completely becoming dry.

During the application the temperature should be between +5°C +30°C.

CLEANING OF INSTRUMENTS:

AQUAPOL TRANS - 814 should be cleaned by solvent when it wet.



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AQUAPOL TRANS - 814 after become dry should be cleaned by the mechanical ways.

CONSUME:

Only for one layer, min.: 0,100-0,500 kg/m²

Total theory consume : 0, 200 – 1, 00 Kg/m²

PACKING:

20, 00 kg bin

100x100 pallet dimension

36 qty on pallet

5, 00 kg bin

80x120 pallet dimension

75 qty on pallet

COLOR:

Transparent

SHELF LIFE:

Shelf life is 12 months.

Should be stored in the dry and cool are, should be attended to not put under sun or the area that takes direct sun and should be protected from the frost.

Do not stack pallets on top of each other, it should be shipped first in first out.

SAFETY RECOMMENDATIONS:

Wear work clothes, protective gloves, glasses and masks should be used during application.

Do not smoke during the application and work in a well-ventilated place and away from naked flames.

Hands and eyes should be protected by protection equipment.

As cured materials has irritating effect, do not touch with skin and eyes, in case of any contact rinse with soap and plenty of water, in case of any swallow see doctor urgently.

Food and beverage materials should not be kept in the application area and should not be eaten.

It should be known that the solvent is heavier than air, so remember that it will be on the ground.

Store out of reach of children.

For more information please check the Material Safety Data Sheet.

LIMITATIONS OF LIABILITY:

The information in this technical data sheet is given according to technical information, experience and test result.

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As GENERALTÜRK A.Ş. cannot control the usage of the product that used under which kind of conditions, it does not accept any responsibility for the application result and does not guarantee it.

The product suitability for the product user should be tested and decided accordingly. All products should be considered in the advice of those technical knowledge and equipment.

GENERAL TURK A.Ş. can not accept any responsibility that occurs because of miss-use, it only responsible for the written suggestions that shows the products where and how use.

GENERALTÜRK A.Ş. It may change the properties of its products without announcement.

The technical data sheet is valid until the next time it is printed and all previous technical data sheets invalidate the description / January 2020

CE 2765	
GENERALTURK TEKNİK YALITIM KİMYA END. SAN. TİC. A.Ş. YUNUSELİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZİ - BURSA / TÜRKİYE 20	
2765 - CPR - 0157 EN 1504 - 2	
AQUAPOL TRANS 814	
PRODUCTS AND SYSTEMS FOR THE PROTECTION AND REPAIR OF CONCRETE STRUCTURES	
Principle 1 (PI): Protection against Ingress, Method 1.3 Coating ©	
Principle 2 (MC): Moisture Control, Method 2.2 Coating ©	
Coating Type	One Component Polyurethane
Density	1,00 gr/cm ³ ±0.02