



AQUAPOL UV 811

UV resistant, single component, polyurethane based, low viscosity, waterproof and economical elastic liquid waterproofing product for protection

DESCRIPTION:

UV resistant, single component, polyurethane based, low viscosity, waterproof and economical elastic liquid waterproofing product for protection. It forms an elastic and durable film by curing with humidity in the air.

ADVANTAGES:

UV resistance,
Easy application (brush, roll or w airless spray).
When applied, it forms one-piece waterproofing layer that does not cause seams or leaks.
Since it is a pure polyurethane, it can be in continuous contact with water.
Heat resistance performance in wide temperature range, between -40 °C and + 90 °C.
Permeability to water vapor is influential.
Since it has a breathing property, it does not create moisture accumulation under the layer.
Even if the waterproofing layer is damaged in any way, the damaged part can be easily repaired in a short time.
Resistant to chemicals.

USAGE AREAS:

Irrigation Channel,
Open top roofs,
Terraces
Baths,
Under of the covered areas,
Suitable usage also for the asphalt waterproofing layers.
Car park,
Concrete surfaces,
Plaster and cement panels,
Internal and external usage areas
Wet Areas

TECHNICAL SPESIFICATION :

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

Coating Type : One Component

Polyurethane

Color : Grey - White

Density : 1,03 gr/cm³ ±0.05

Viscosity : 2500-3500 cp

Packing : 25 kg.

Application Temperature : +5 C ile +35 C

Water vapor permeability : 0,8 gr/m² hour

Thinning : Not Suggested

Heating Resistance : 80 C – 100 days or

200 Dry sudden heat



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Teoric Consume : 1,50-1,80 kg/m²

Hardnes : 70 (Shore A)

Elasticity : > % 600

QUV :2000 hours

Adhesion to Concrate : < 2,0 N/mm²

Break Resistance : >8,00 N/mm²

QUV (ASTM 412) :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.**

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** with the size of 4x4.

Out corner joints should be broken first and then chamfered.

Preparation Of The Mixture:

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

Application:

The surface should be primed with AQUAPOL PR 800, AQUAPOL PR WT 801 or a suitable primer.

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

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

Apply the second layer after 12 min.24 max. hour.

Waiting time between the layers is 48 hours.

Used instruments after the application should be cleaned in 2 hours.



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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.

Ensure that the ambient and floor temperature is between 5 ° C and 30 ° C.

CLEANING OF INSTRUMENTS:

AQUAPOL 811 should be cleaned by solvent when it wet.

AQUAPOL 811 after become dry should be cleaned by the mechanical ways.

CONSUME:

Only for one layer, min.: 0,700-1,00 kg/m²

Total theoric consume (for two layer): 1, 40 – 2, 00 Kg/m²

PACKING:

20,00 kg/bin

120x80 pallet dimension

36 qty on pallet

COLOR:

White- Grey

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

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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.

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

 2765	
GENERALTÜRK 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 UV 811	
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	1,03 gr/cm ³ ±0.05