

# AQUATAPE

## WATER EXPANSION TAPE



### DESCRIPTION

- Aquatape is a flexible, cold-jointed waterproofing tape that provides continuous insulation by expanding in contact with water.

### INTENDED USES

- In concrete compartments with water leakage risk, underground structures such as foundations, retaining walls, in tunnels,
- In cold joints in structures carrying and maintaining water,
- Cold joints and pipe passages in sewage treatment plants,
- Cold joints of water tanks and swimming pools
- In water channels, HEPPs (Hydroelectric power plants) and pumping stations,
- In reinforced concrete pond and dam bodies,
- It is used in water structures exposed to high pressure.

### PROPERTIES

- Easy application, crafting is very easy.
- Fast expansion capacity.
- Infinite and reversible expansion (recovery capacity).
- Maintains dimensional stability even at high temperatures.
- Suitability for contact with groundwater, tap water, salty water, pure water and alkaline water (cemented water).
- Resistance to pressureless and pressurised water (up to 2 bar).

### SURFACE TREATMENT

- Substrate must be absolutely durable and clean for application.
- Necessary corrections should be made with **REPAIR SW** Waterproof structural repair mortar before application on very damaged surfaces.
- If necessary, surface priming can be done.

### APPLICATION

- Application should be made at least 8 cm from the area of the concrete that will be exposed to water.
- The application can be done by using suitable mounting adhesive or nailing method.
- In the nailing method, nails can be applied at 15 cm intervals.
- At the junction point of the two tapes, the tapes are joined by bringing 50 mm side by side.
- Fresh concrete can be casted approximately 8 hours after the application.
- The product must be protected from early expansion by preventing contact with water until fresh concrete is casted after application.

### TECHNICAL DATA

Appearance	: Blue or Black (Red or Green on request)
Expansion Capacity	: ~ 1.06 N/mm <sup>2</sup>
Density	: ~ 1.25 g/cm <sup>3</sup>
Water pressure resistance	: Up to 2 bars
Fire response class	: E class (DIN EN 13501-1)
Toxic Effect	: None

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

### WARNINGS AND RECOMMENDATIONS:

- Store in dry and non-humid areas by protecting from direct sunlight.
- Pay attention to surface cleanliness and smoothness.
- Application should be avoided under heavy rain.
- Not suitable for use in expansion joints.
- Expanded tapes before its use is not suitable for application.

### COMPLEMENTARY PRODUCT(s):

- **REPAIR SW** Waterproof structural repair mortar

### PACKAGING

- AQUATAPE-A 25 mm X 20 mm X 5 metres
- AQUATAPE-J 20 mm X 5 mm X 40 metres

### SHELF LIFE

- 5 years from the date of production, without opening the original packaging in an environment protected from water and moisture.

### DANGER/WARNINGS:

- Information not available.

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