

# MAXCIS TAPE-DT

## ***TPE Based Dilatation Tape***

### **DEFINITION:**

- It is a dilatation tape with permanent elasticity.
- It is resistant to plant roots.
- It is UV resistant.

### **USAGE AREAS:**

- Insulation of horizontal and vertical dilatation
- At the junctions of different structural elements such as steel and concrete
- Wide and irregular crack insulation
- Swimming pool, waste water units
- Tunnels and similar underground structures



### **SURFACE PREPARATION:**

- The application surface must be clean and dry. There should be no rust, dust, oil and water.
- Weak layer and mortar residues on the concrete surface should be cleaned by mechanical grinding method.

### **APPLICATION:**

- Components A and B of the MAXCIS EM-310 adhesive mortar, which will be used to adhere the dilatation tape to the surface, are mixed with a low speed mixer until it becomes a homogeneous mixture.
- The prepared mixture is spread over the upper part of the dilatation with a trowel to a width of at least 4-5 cm.
- Dilatation tape is carefully laid over the dilatation.
- The parts of the dilatation tape that come into contact with the adhesive mortar are pressed.
- Adhesive mortar is applied to the upper part of the dilatation tape overflowing by 2-3 cm.
- The dilatation tape should not be moved until the adhesive mortar is completely dry.

**TECHNICAL SPECIFICATIONS:**

Test Name	Unit	Standard	Value
<b>Chemical structure</b>	-	-	TPE
<b>Width</b>	mm	-	15/20/25/30/35/40
<b>Thickness</b>	mm	-	1,00/1,25/1,50/2,00
<b>Service Temperature</b>	°C	-	-40 / +90
<b>Hardness (Shore A)</b>	-	ISO 868	75-80
<b>Width Elongation</b>	%	EN-ISO 527-3	600
<b>Water Pressure Resistance</b>	bar	EN 1928	>8
<b>Tensile Strength</b>	Mpa	EN ISO 527-3	>6
<b>Peel Resistance from Epoxy</b>	N/10mm	DIN 16860	>20
<b>Tear Strength</b>	N/cm		>600
<b>Thermal Welding Temperature</b>	°C		270
<b>UV Resistance</b>		SIA 280/10	>7500 h

**PACKAGING:** 25 meters/rulo**SELF LIFE AND STORAGE:**

It should be stored in original, unopened and undamaged packages, in dry environments between 15°C-25°C, away from direct sunlight. Shelf life is 24 months.