

MATIZOL JOINT TAPE PV-ELAST FLEXIBLE JOINT TAPE

1. PRODUCT DESCRIPTION

Highly flexible tape for securing expansion joints. The centre is made of thermoplastic elastomer (5 cm wide) and reinforced with polyester mesh over the entire width. The tape provides excellent adhesion and has high elasticity and stretchability. It can be used with all types of liquid waterproofing materials.



2. BENEFITS

- EXCELLENT TRANSVERSE STRETCH
- ABSORBS SUBSTRATE MOVEMENTS
- SUPPORTED WITH POLYESTER MESH

3. APPLICATION AREA

MATIZOL JOINT TAPE PV-ELAST is an expansion joint tape used to seal joints in structures subjected to thermal and dynamic stresses. For joints with a width of more than 1 cm, **MATIZOL JOINT TAPE PV-ELAST** should be used as part of the waterproofing system for joints, which includes the installation of an expansion joint and filling the remaining part of the joint with a selected polyurethane sealant. Details in the technical data sheets of the products.

4. SUBSTRATE PREPARATION

Thoroughly clean the surface of dust, unbound particles, foreign objects, or anti-binding substances. Remove any paint or rust residue from metal surfaces. The joints to be sealed must not have cracks.

5. APPLICATION

TREATMENT OF JOINTS AND EXPANSION JOINTS UP TO 1 CM WIDE:

In the case of application waterproofing coatings in places where cracks, gaps or expansion joints are present, secure gaps up to 1 cm wide with **MATIZOL JOINT TAPE PV-ELAST**.

Apply the coating along the joint, just at the edge of the gap, and roll out **MATIZOL JOINT TAPE PV-ELAST** on its surface, making sure that the entire surface under the perforated part of the tape is uniformly

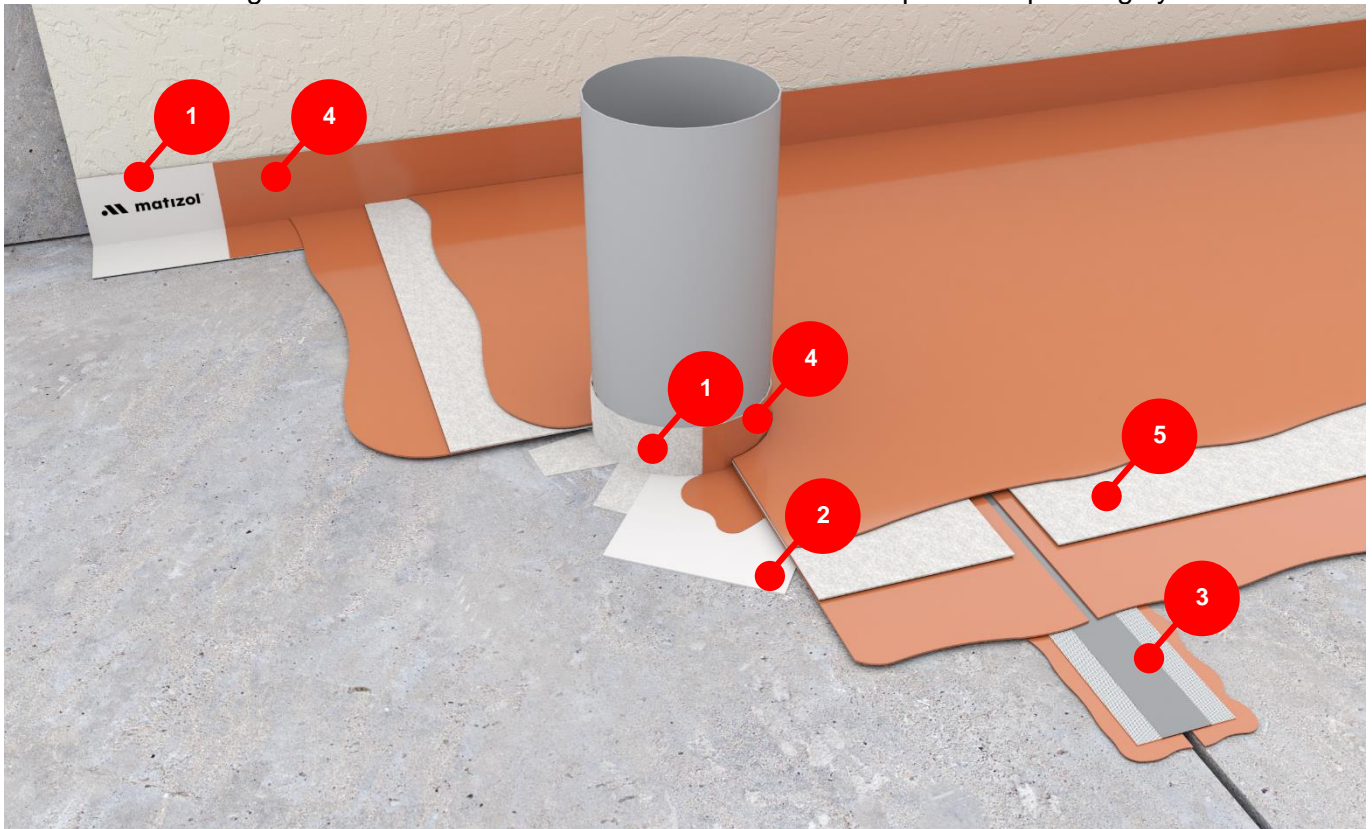
covered with the product. After the coating is completely dry, you can proceed with the full-surface application of the first layer.

TREATMENT OF JOINTS AND EXPANSION JOINTS LARGER THAN 1 CM WIDE:

For sealing gaps wider than 1 cm, the following system should be used:

For new gaps or renovating existing ones, insert a **BACKER ROD** into the gap at a depth slightly greater than the rod's diameter. Ideally, the top of the rod should be positioned at a depth equal to its radius (half the rod's diameter). Next, fill the space above the rod with a **polyurethane sealant**. After the sealant has completely dried, apply **MATIZOL JOINT TAPE PV-ELAST** according to the instructions for "treatment of gaps and joints up to 1 cm wide. Ensure an overlap of at least 5 cm at the junctions of the tapes.

Illustration 1. Diagram of treatments for sensitive areas in Matizol liquid waterproofing systems.



1. MATIZOL CORNER TAPE PP-BUTYL
2. MATIZOL COLLAR PP-BUTYL
3. MATIZOL JOINT TAPE PV-ELAST
4. MATIZOL ELITE TIXO
5. MATIZOL MAT PP 90g/m²

6. LOGISTIC DATA

Length / width	Pieces per carton	number of cartons per pallet
50 m x 100 mm	1	100

7. TECHNICAL PARAMETERS

Description:	Coated mesh strip, with excellent transverse elongation and high longitudinal strength
Material Composition:	Carrier: Polyester mesh Cover: Thermoplastic elastomer, resistant to aging
Color:	Grey
Total Width:	100/50 mm
Total Thickness:	~0.7 mm
Weight:	~31 g/ rm
Temperature Resistance:	min. - 30°C, max. +90°C
Roll Length:	50 m

PHYSICAL PARAMETERS

Burst Pressure	Autotest	> 4.0 bar
Longitudinal Breaking Load	DIN EN ISO 527-3	155 N/15mm
Lateral Breaking Load	DIN EN ISO 527-3	63 N/15mm
Longitudinal Elongation at Break	DIN EN ISO 527-3	33%
Lateral Elongation at Break	DIN EN ISO 527-3	138%
Force Absorbed at 25% Lateral Elasticity	DIN EN ISO 527-3	1.5 N/mm
Force Absorbed at 50% Lateral Elasticity	DIN EN ISO 527-3	2.0 N/mm
Water Pressure Resistance (1.5 bar)	DIN EN 1928 (version B)	> 1.5 bar
UV Resistance	DIN EN ISO 4892-2	500 h
Elongation at Break	Autotest	> 60%
Stretch Load	Autotest	> 150 N/5 cm
Max Initial Joint Opening:	Autotest	
- 3 cm		5.44 / ml
- 5 cm		6.55 / ml

CHEMICAL PARAMETERS

Parameter	Resistance after immersion for 7 days at room temperature in the following chemicals	Result
3% Hydrochloric Acid	Autotest	+
35% Sulfuric Acid	Autotest	+
100g/l Citric Acid	Autotest	+
5% Lactic Acid	Autotest	+
Potassium Hydroxide 3% / 20%	Autotest	+ / 0
Sodium Hypochlorite 0.3g/l	Autotest	+
Salt Water (20g/l Sea Water Salt)	Autotest	+

Product in compliance with Directive 2003/53/EC

8. STORAGE & TRANSPORTATION

Store in a well-ventilated room, protected from moisture, at a temperature between +5°C and +35°C.

9. PRODUCER

SELENA FM S.A., Legnicka St. 48A;
54-202 Wrocław, Poland
www.matizol.com