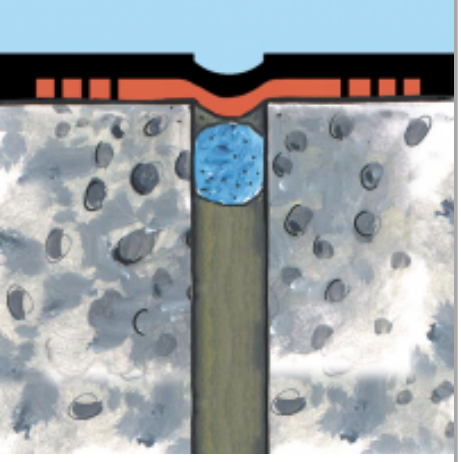

PRS.0235

ELASTOTEX 325

Elastomeric waterproofing band of 32.5 cm for expansion joints

Customs Code

3921 9090

Packaging

- Roll 30 m

Application

- Apply by hand

Family	Type
Proseal	**Butt-straps, bars and plastic profiles**
Product Lines	Functional Cathegories
• **Aqua** • **Infratech**	• **Waterproofing with hot-sprayed elastomeric coatings (100% pure polyurea)** • **Waterproofing control joints or construction joints** • **Construction and maintenance interventions on airport runaways and quays** • **Structural maintenance of dams, reservoirs, ducts and water ducts** • **Structural maintenance of bridges and viaducts** • **Structural maintenance of tunnels**
Components	Appearance
Single-component	**Tape**

General **description**

Strap with high resilience and resistance, with an overall width of 32.5 cm, consisting of a special thermoplastic elastomeric layer, resistant to ageing and wear and tear, and two lateral bands in non-woven polypropylene fabric. Perfect for waterproofing hydraulic sealing expansion joints in buildings, works and structures below aquifer level or to ensure the water-tightness of structural connections even off the ground.

General **features**

ELASTOTEX 325 is endowed with exceptional chemical inertness, laboratory tests have shown that it can sustain prolonged contact for 7 days at 20 °C with the following substances without problems: hydrochloric acid at 3%, sulphuric acid at 35 %, citric acid at 100 g/l, lactic acid at 5%, potassium hydroxide at 3% and 20%, sodium hypochlorite at 0.3 g/l, salt water at 20 g/l.

Fields of **application**

Waterproof sealing of expansion joints, including large ones, subject to considerable work movements, and of natural joints and fissures, also in conditions of hydraulic counter-thrust, in tunnels, silos, tanks, pools, basements, roofing, prefabricated coverings, road joints and hydraulic works in general.

Basic **features**

Nonflammable

Shelf-life:
24 months

Temperature of use:
-30 / +90 °C

Width:
325 mm

Available **colours**
Gray

Technical specifications

Breaking load lateral DIN EN ISO 527-3:	93 N / 15 mm _
Breaking load longitudinal DIN EN ISO 527-3:	198 N / 15 mm _
Breaking load longitudinal (only flexible zone) DIN EN ISO 527-3:	59 N / 15 mm _
Extension break lateral DIN EN ISO 527-3:	540 %
Extension break longitudinal DIN EN ISO 527-3:	230 %
Longitudinal elongation at break DIN EN ISO 527-3:	35 %
Power absorption at 25% elasticity lateral DIN EN ISO 527-3:	0.8 N/mm
Power absorption at 50% elasticity lateral DIN EN ISO 527-3:	1.1 N/mm
Resistance to water pressure DIN EN 1928 (B):	>3 bar
UV resistance DIN EN ISO 4892-3:	2480 h

IF YOU WANT TO SOLVE IT
azichem
www.azichem.com

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General sales conditions and legal notices on www.azichem.com/disclaimer

Instructions for use

Mix the epoxy resin SYNTECH AS 31 thoroughly in the pre-determined amount as required. Spread the epoxy adhesive prepared as described above, on the sides of the joint to be waterproofed by toothed adhesive spreader, kept constantly clean, taking care to obtain uniformity of the thickness applied that must not be less than 2 mm. Unroll and apply the ELASTOTEX 325 strap, on the fresh adhesive spread, pressing it against the resin, stretching the ends by hand, taking care to avoid wrinkling and air bubbles, until the underlying resin totally impregnates the fabric at the side of the strap. Apply with a metal filling knife a second layer (at least 2 mm) of SYNTECH AS 31 adhesive on the fabric at the edges of the strap, already impregnated, in order to protect it permanently from accidental damage and to obtain certain monolithicity of the end to the support.

For the joint between two adjacent straps, weld the end flaps for overlap and solder them using a special hot air welding machine. For additional security of the seal, a small layer of SYNTECH AS 31 should be applied on the heated flaps.

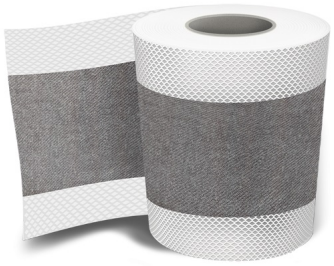
The final system resistances will be reached after about 7 days after laying, but already after 24 hours at 20°C, values equal to 60-70% of the final performances can be obtained. In any case the performance after 24 hours will be much greater than those of a high quality concrete.

Substrate **preparation**

The application surfaces should be clean, free of incrustations, dust and non-adhering parts, carefully roughened.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight.



Warnings, Precautions and **Ecology**

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

ELASTOTEX 325 is produced/distributed by

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