

RAM-NEK

Non hydroexpansive waterstop for impermeable joints between prefabricated structures. Based on bituminous resins. Used to seal horizontal and vertical joints. Suitable for tunnels, water treatment plants, sewage, septic tanks, tanks, pipelines, sewer trunk lines and for any prefabricated concrete structure in general.



ADVANTAGES

- Self-adhesive (does not require nails, bonding agents or welding)
- Approx 0.7 bar water seal capacity
- Resistant to acid solutions, base solutions, saline solutions and sewage in general
- Unaffected by contact with rain water
- Does not require any specific confinement
- Excellent and long-lasting plasticity
- Its characteristics do not alter in time





TECHNICAL DATA

Ingredients	bituminous resins, (petroleum plastic content) min. 50% max 70% ash-inert mineral matter min. 30% max 50% volatile matter max 2%		ASTM D 4 ASTM T 111 ASTM D 6
Colour	black		----
Specific weight at 25°C	1.30		ASTM D 71
Hydrostatic load resistance	7 m column of water		----
Toxicity	none		----
Dimensions	strips 64x19 mm or orlls 44x25 mm		----
Elongation capacity at 20°C	230% compared to its initial dimension		----
Solubility in water	not soluble		----
Resistance to tensile stress	0.50 kg/cm2		----
Flash point	315°C		ASTM D 92
Application temperature	+5°C +60°C (it is always advisable to warm the product)		ASTM D 36
Chemical resistance 30 days immersion at 25° C in each of the following	5% solution of caustic potassium	not visibile deterioration	FEDERAL STANDARDS SSS-210
	5% solution of hydrochloric acid	not visibile deterioration	FEDERAL STANDARDS SSS-210
	5% solution of sulfuric acid	not visibile deterioration	FEDERAL STANDARDS SSS-210
	5% solution of sulfide solution	not visibile deterioration	FEDERAL STANDARDS SSS-210





APPLICATION

Always ensure that the surfaces where the waterstop is to be applied are clean and dry.

If this is not the case, clean the surface with a wire brush and dry using a torch or hot air drier to remove any dampness.

Apply a layer of bituminous Primer and leave to dry. Peel the transparent release paper from the waterstop. Position the waterstop on the surface and press firmly along the entire length of the strip to ensure maximum adherence between the waterstop and the concrete.

Position the second strip of waterstop so that it overlaps the first by 2/3 cm. Press firmly and then repeat the procedure with the other strips.

Peel off the brown paper, ensure that the overlaps have been carried out properly (ensure that there is total adhesion between one waterstop strip and another, and between the waterstop and the concrete) and apply the second prefabricated element. (N.B: Peel off the brown paper just before pouring the casting to prevent the waterstop from coming into contact with dust or similar elements).

If the waterstop has problems adhering to the concrete in vertical castings, warm the Ram-nek strips using a torch and apply a nail to the head of the upper strip. Where possible, it is advisable to apply on fresh concrete.

GUARANTEE

The products are produced with the best raw materials available on the market in order to obtain a high quality product. Our guarantee covers the quality of the product but not its applications which cannot be under our control.