

CHEM-HYPALON JOINT SEAL



HIGH PERFORMANCE JOINT SEALING COMPOSITE SYSTEM

Product Description:

A high performance joint sealing composite system which is based on Hypalon flexible sheeting used with epoxy resin adhesive. When fixed to the joint, allows considerable movement in more than one direction, and maintaining a high quality seal. It is suitable for both irregular & high movement joints.

Uses:

Sealing system for expansion joints, construction and connection joints, as well as cracks in:

- Roof and wall joints
- Basements
- Water retaining structures
- Joints between rigid and flexible surfaces
- Around iron, steel and cement pipes
- Swimming pools
- Tunnels and culverts
- Hydro electric power plants, sewage treatment plants

Advantages:

- Suitable for both dry and damp concrete surfaces
- Extremely flexible
- Performs well within a wide range of temperatures
- Excellent adhesion to many materials
- Completely weather and water resistant
- Fast curing
- Easy to install
- Available with adhesive of normal, long pot life, or rapid hardening grade
- Good resistance to various chemicals

Technical Data

Packing

Chem-Hypalon Joint Seal

Thickness	Width	Roll Length	Consumption (Approx.)
1 mm	10 cm	50 m	0.7 Kg/m
1 mm	15 cm	25 m	1.0 Kg/m
1 mm	20 cm	25 m	1.2 Kg/m
2 mm	10 cm	20 m	0.8 Kg/m
2 mm	15 cm	20 m	1.1 Kg/m
2 mm	20 cm	20 m	1.4 Kg/m
2 mm	25 cm	20 m	1.7 Kg/m
2 mm	30 cm	20 m	2.0 Kg/m

Chem-Hypalon Joint Seal – Adhesive Chemseal EP

5 Ltr sets

Shelf Life:

Chem-Hypalon Joint Seal 24 months if stored properly in dry conditions away from sunlight and in unopened, original packing.

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Type

Light grey strip based on Hypalon-Elastomeric Material

Tensile Strength

> 8 N/mm² (DIN 53 455)

Elongation at break

> 400% (DIN 53 455)

Service Temperature

- 30°C to + 60°C (dry)
+ 40°C (wet)

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Application Details

Substrate Preparation

Concrete, stone, mortar, renderings

Clean, free from oil, grease, laitance or loose particles. Age of concrete depending on climatic conditions, 3-4 weeks. Preparation: Sand, waterblasting, grinding, cutting, or shotblasting, followed by thorough dusting.

Steel:

Free from oil or grease, rust and scale. Use sandblasting and grinding. If cleaned steel is not immediately covered, surface must be protected from rusting with the application of **Chemseal EP**.

Polyester, epoxy, ceramics, glass

Free from oil and grease. Polyester and epoxy must be roughened by grinding, use coarse grinding paper.

Mixing

Chemseal EP Stir well single components supplied in pails. Dose each component in correct proportion and mix in a suitable container according to above instructions.

If large quantities are being mixed, temperature of **Chemseal EP** will increase due to chemical reaction, resulting in a reduced potlife.

Application Procedure

- Apply mixed epoxy on either side of the prepared joint surface
- Place **Chem-Hypalon Joint Seal** on the epoxy /joint and press firmly such that the epoxy oozes out of the holes.
- Leave that the epoxy oozes out of the holes. Undisturbed for at least 24 hours until epoxy hardens.

Strip Size

Selection of the correct strip size (thickness and width) depends on the expected performance. If necessary, ask for technical advice.

Strips of 1 mm thickness are suitable for sealing of joints subject to light load only.

Safety

Toxicity

Non – toxic.

Transportation

Non – hazardous.

