



8.07 XPert COMBIFLEX STRIP

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.

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

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 power plants
- sewage treatment plants

PACKAGING:

50 Rft Roll, 100 Rft Roll

SHELF LIFE:

XPert COMBIFLEX: 24 months if stored properly in dry conditions away from sunlight and in unopened, original packing.

XPert COMBIFLEX STRIP

TYPE:

Light grey/ivory 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)
- 30°C to + 40°C (wet)

APPLICATION INSTRUCTIONS

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, water blasting, grinding, cutting, or shot blasting, 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 XPERT EP 100.

Polyester, epoxy, ceramics, glass

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

Mixing

XPERT PASTE EPOXY Stir well two components supplied in pails. Dose each component in equal proportion and mix in a suitable container for 2-3 minutes.

If large quantities are being mixed, temperature of XPERT PASTE EPOXY 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 Combiflex on the epoxy /joint and press firmly such that the epoxy oozes out of the holes.
- Leave Combiflex 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.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to XPERT Construction Chemicals ("XPERT") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose.

Satisfactory results depend upon many factors beyond XPERT's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product.

- XPERT shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.
- XPERT's sole responsibility shall be to replace that portion of the product, which proves to be defective.
- Any warranty claim must be made within six (6) months from the date of the claimed breach.
- This limited warranty applies only if the product was properly installed and used according to all instructions.
- This limited warranty applies only if the was properly stored prior to use.