

Hypalon Gland Water Barrier System

Waterproofing Solutions



The Miska Hypalon Gland water barrier is a synthetic rubber sheeting used in conjunction with Miska FC120 Adhesive as a two part system designed to stop the ingress of water to high-movement joints in building structures:

The Miska Hypalon Gland is supplied in standard roll widths of: 150, 200, 250, 300 and 400mm. Other roll widths are available for specialist joint design. e.g. large seismic joints.

Typical Waterproofing Applications

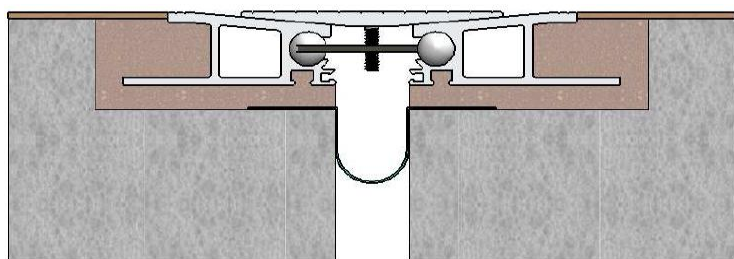
- Multilevel Car Parks
- Multilevel Shopping Centre's
- Transit Centre's
- Stadiums and Platforms
- General Concrete Jointing applications

Key Features

- Excellent UV resistance for outstanding weather ability in exposed applications.
- No plasticizers to leach out and cause brittleness or cracking.
- Low coefficient of thermal expansion and contraction provides excellent dimensional stability and lay flat characteristics.
- Not susceptible to environmental stress cracking (ASTM D 1693).
- Excellent chemical resistance to most industrial effluents

Edge Fixing Holes

All Hypalon glands are supplied with edge fixing holes. Edge fixing holes provide a "mechanical" key which aids installation. In load bearing situations e.g. where Miska Architectural Floor Joints will be installed above the gland, edge holes allow the FC120 Adhesive squeeze up through the holes and support the joint system.



Water Barrier

Hypalon Gland Sizing

Hypalon Width (mm)	Thickness (mm)	Min Gap (mm)	Max Gap (mm)
150	1.0	15	50
200	1.0	30	100
250	1.0	50	150
300	1.0	50	200
400	1.0	50	300

FC120 Adhesive



The Miska FC120 Non-sag Epoxy Mortar has been chosen from the Miska

range for its total compatibility with the Hypalon Gland in relation to adhesion. Other features include its non-sag quality enabling it to be used vertically. Further data is available on FC120 data sheet.

FC120 - Mixed Yield:

1 x 5 Kg Unit = 4 Liters of Material, Usage is recommended at approx 2.0mm thick x 50 mm per side giving An approx usage of 1 x 5 Kg Unit per 40 meters of Hypalon Gland layed.

Curing Time

Tack Free Cure – 3 Hours, Full Cure 7 days.

Physical Data

% Elongation	350
Tensile Strength (MPa)	8
Operating Temperature	-35 – 110 °C
Specific Gravity	1.32
Shore A Hardness	60

Disclaimer: The information contained in this publication is intended to give a fair description of the products and their capabilities. No responsibility or liability by the manufacturers will be accepted for misuse, misreading or deviation from the recommended guidelines of these products. As new technology is introduced, or industry standards are altered, Miska reserves the right to alter the information without notice.

Rev.02
Oct 2011

ITW Construction Systems

(A division of ITW Australia P/L)

Tel: 1300 663 521

Web: www.miska.com.au