

# Miska™ Hypalon Gland Water Barrier

## Technical Data Sheet

August, 2019

### Product Description

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 200mm and 300mm.

### Typical Waterproofing Applications

- Multilevel Car Parks
- Multilevel Shopping Centres
- Transit Centres
- Stadiums and Platforms
- General Concrete Jointing applications

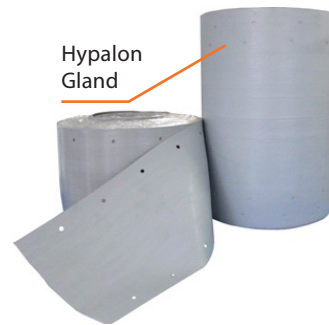
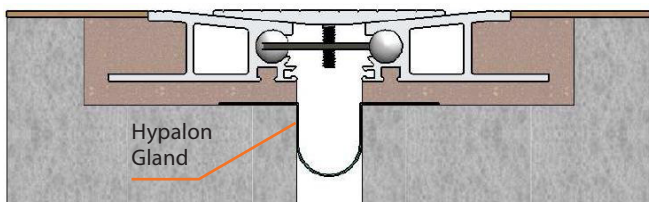
### Key Features

- Excellent UV resistance for outstanding weatherability in exposed applications.
- Hypalon barriers do not contain plasticisers that will leach out and cause brittleness or cracking.
- Not susceptible to environmental stress cracking (ASTM D 1693).
- Low coefficient of thermal expansion and contraction provides excellent dimensional stability and lay flat characteristics.
- Excellent chemical resistance to most industrial effluents.
- Roll Length = 25m

### 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 Expansion Joint Cover Systems will be installed above the gland, edge holes allow the FC120 Adhesive to squeeze up through the holes and support the joint system.



### Product Specifications

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

### Hypalon Gland Sizing

Item Code	Hypalon Width (mm)	Thickness (mm)	Min Gap (mm)	Max Gap (mm)
HYP200UNC	200	1.0	30	100
HYP300UNC	300	1.0	50	200



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. For further information, refer to the FC120 Data sheet.

**FC120 - Mixed Yield:** 1 x 5 Kg Unit = 4 Litres of Material, Usage is recommended at approx 2.0 mm thick x 50 mm per side giving an approx usage of 1 x 5 Kg Unit per 40 metres of Hypalon Gland laid.

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