Installation Guidelines

Hypalon Gland Water Barrier System

The surface of the concrete to which the gland is to be applied should be clean, dry and free of any concrete laitance and foreign matter. Concrete laitance and loose material should be eliminated by grinding, any sharp edges and rises should be also ground down. Spalling and inconsistencies should be repaired using Miska™ FC120™ Construction Adhesive or FC122™ Epoxy Mortar. Allow repair work to cure for 24 hours before proceeding with Hypalon Gland Installation.

Using a chalk line, mark a line on the prepared area, approx 50 mm either side of the concrete gap indicating where the outside edge of the Gland will be applied. This set out must allow for a "loop" in the gland sufficient to expand to the maximum gap size without the gland being in tension. The Hypalon Gland is available in 200mm & 300mm widths to suit various joint gap sizes.

The edges of the Hypalon Gland that are to be bonded down to the concrete surface must be primed using Xylene prior to the application of the FC120™ Construction Adhesive.

Thoroughly mix Parts A & B of the FC120™ epoxy using a mechanical mixer. Complete mixing is essential.

Spread the FC120™ epoxy 50mm wide x 2mm thick using the chalk line as a guide. Lay the primed face of the gland in the FC120™ and press into position. Do not allow the Xylene to "flash-off" for more than 2 - 3 minutes before applying the wiped face to the FC120™ Epoxy. Ensure that the FC120 ™ overlaps "anchor" holes by 10mm minimum.

After initial cure (2 hrs) apply a further coat of FC120™ over the top face of the gland to the 40mm width. This coat should be sufficient so as to be unable to sight the anchor holes. If smoothing / trowelling is required, dip tools in water. Ensure the edges of the gland are covered and epoxy is feathered.

To join rolls of Hypalon together repeat the process of Priming and bonding with FC120™ Construction Adhesive, ensure the end of the rolls are cut square and overlap the ends by approx 50mm

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