Polar-Tie

For tying Polar walls to masonryclad bed-joints.
Two install methods can be used before or after concrete cure.

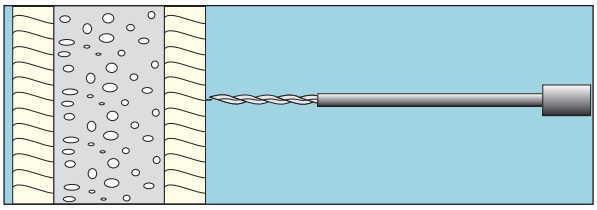
Benefits

- Quick installation.
- Lateral flexibility over cones any misalignment.
- Allows for thermal movement.
- Multi water drips.
- Easy installed through polar walls.
- Designed and tested to DD140.
- Stress free fixing.

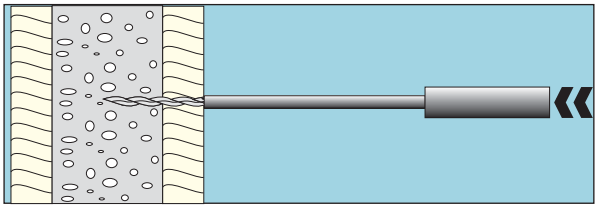
Features

- Easy and problem free installation.
- Austenitic 304 or 316 Stainless Steel.
- Effective in tying cavity and solid walls.
- Small cross area gives good sound proofing.

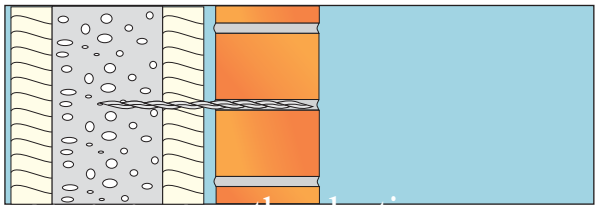
Installation Procedure before cure



(1) Insert tie into support tool then position tie where required and level with outer mortar bed.



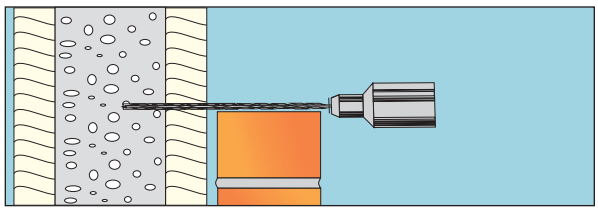
(2) Hammer tie through insulation and into uncured concrete.



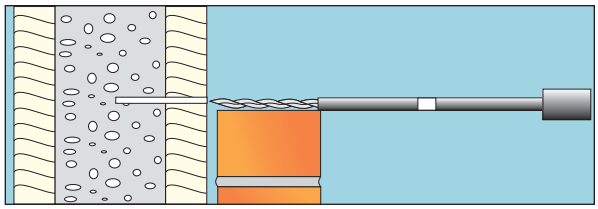
(3) Embed outer tie end in mortar of new outer leaf masonry.

Crete tie classification DD140			
Tie Size	Tie density	Laid in Mortar 70mm	Fixed in Blocks 90mm
Φ6mm	2.5m²	Class 2	Class 2

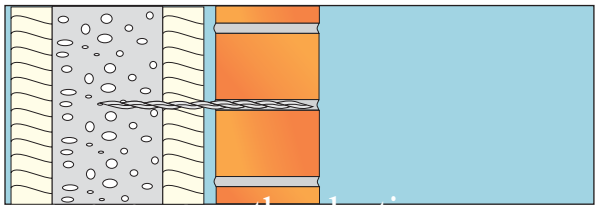
Installation Procedure after cure



(1) Drill pilot hole through polarwall then 50mm into concrete.



(2) Drive tie into hole by hammering support tool with a hammer or SDS power drill.



(3) Embed outer tie end in mortar of new outer leaf masonry.

Polarwall mm	Tie Length mm
50	195
75	220
100	245
125	270
150	295
175	320