



The following excerpt are pages from the North American Anchor Fastening Technical Guide, 2011.

Contact Hilti's team of technical support specialists between the hours of 7:00am – 6:00pm CST for complete details on this product including data development, product specifications, general suitability, installation, corrosion and spacing and edge distance guidelines.

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3.3.19 IDP Insulation Anchor

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3.3.19.1 Product Description

The Hilti IDP Insulation Anchor is a plastic anchor designed for attaching insulation to concrete and masonry.

Product Features

- Specially structured head helps ensure bonding of plaster applied directly over the anchor

- Suitable for insulation thickness up to 4-3/4" for enhanced versatility
- Installation in concrete or masonry allows versatile use
- No metal reduces potential condensation behind finish coat of EIFS

3.3.19.2 Material Specifications

Plastic: polypropylene (not UV resistant)

In-place temperature range: -40°F to 176°F (-40°C to 80°C)

Temperature when setting: 32°F to 104°F (0°C to 40°C)

3.3.19.3 Technical Data

Description	Anchor Length in. (mm)		Bit ¹ Dia. in. (mm)	Minimum Embed. Depth in. (mm)	Insulation Thickness in. (mm)	Average Ultimate Pullout ^{4,5}		
						Concrete ² lb (N)	Hollow Concrete Block ³ lb (N)	Brick lb (N)
IDP 0/2	2	(50)	5/16	1-1/8 (29)	0 to 7/8 (0-20)	110 (489)	45 (200)	55 (245)
IDP 2/4	2-3/4	(70)	5/16	1-1/8 (29)	7/8 to 1-3/4 (20-40)			
IDP 4/6	3-1/2	(90)	5/16	1-1/8 (29)	1-3/4 to 2-3/8 (40-60)			
IDP 6/8	4-1/4	(110)	5/16	1-1/8 (29)	2-3/8 to 3-1/8 (60-80)			
IDP 8/10	5	(130)	5/16	1-1/8 (29)	3-1/8 to 4 (80-100)			
IDP 10/12	6	(150)	5/16	1-1/8 (29)	4 to 4-3/4 (100-120)			

1 Hilti carbide tipped drill bits

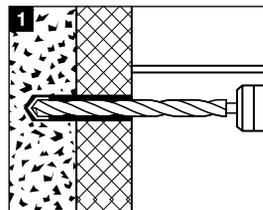
2 Concrete strength $f'_c = 2500$ psi (17.2 MPa).

3 Hollow Concrete Block meets ASTM C90 Grade N Type II.

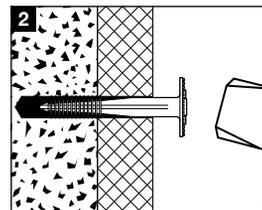
4 Pullout values may be limited by the strength of the material fastened.

5 Allowable loads should be calculated using a minimum safety factor of 4.

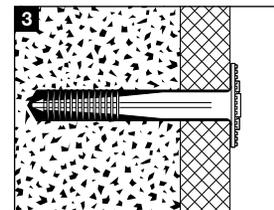
3.3.19.4 Installation Instructions



1. Drill a 5/16" diameter hole through insulation into base material.



2. Hammer anchor into place until washer is flush with insulation.



3. Anchor is set. For outdoor application, anchor head must be covered by finish.

3.3.19.5 Ordering Information

Description	Box Qty
IDP 0/2	250
IDP 2/4	250
IDP 4/6	250
IDP 6/8	250
IDP 8/10	250
IDP 10/12	250