DeWALT

EXPRESS NAIL FIXINGS - ZINC PLATED

PRODUCT DESCRIPTION

- Express Nail for lightweight applications in concrete and masonry
- The nail sleeve is hammered in and expands its entire length in the hole
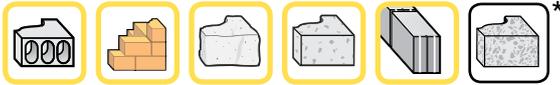- The collar holds the item to be attached

GENERAL APPLICATIONS AND USES

- Temporary or non-structural fixings
- Scaffolding
- Temporary railings

BASE MATERIAL: IDEAL FOR MASONRY

*

* Also suitable for

Cat No.	Description	Drill Dia. [mm]	Length [mm]	Head Size [mm]	Max t_{fix} [mm]	Box Quantity	Carton Quantity
DFM3130000	Express Nail-6mm(12)x30mm - Zinc Plated	6 x 30		12	2	1x200	8x200
DFM3130050	Express Nail-6mm(12)x40mm - Zinc Plated	6 x 40		12	10	1x200	8x200
DFM3130100	Express Nail-6mm(12)x50mm - Zinc Plated	6 x 50		12	20	1x200	4x200
DFM3130150	Express Nail-6mm(12)x60mm - Zinc Plated	6 x 60		12	30	1x200	4x200
DFM3130200	Express Nail-6mm(12)x80mm - Zinc Plated	6 x 80		12	50	1x100	8x100
DFM3130250	Express Nail-8mm(14)x70mm - Zinc Plated	8 x 70		14	30	1x100	4x100
DFM3130300	Express Nail-8mm(14)x90mm - Zinc Plated	8 x 90		14	50	1x100	4x100
DFM3130350	Express Nail-8mm(14)x110mm - Zinc Plated	8 x 110		14	70	1x50	4x50
DFM3130400	Express Nail-8mm(14)x130mm - Zinc Plated	8 x 130		14	90	1x50	4x50
DFM3130450	Express Nail-8mm(14)x150mm - Zinc Plated	8 x 150		14	110	1x100	4x100

INSTALLATION INSTRUCTIONS

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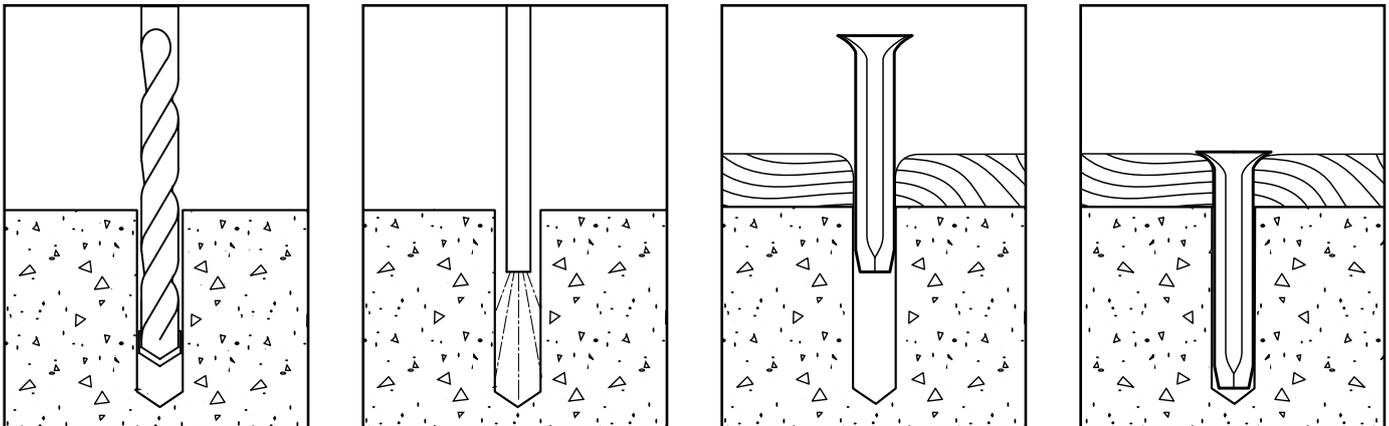
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RECOMMENDED LOAD

UNCRACKED C20/25 CONCRETE

Description	h_{nom} [mm]	h_1 [mm]	d_f [mm]	N_{rec} [kN]
Express Nail 6mm	30	40	6	0.3
Express Nail 8mm	40	50	8	0.5
Express Nail 8mm	50	60	8	0.7

$$\gamma_M \bullet \gamma_F = \frac{N_{Rk}}{N_{rec}}$$

$$\gamma_M = 2.1$$
$$\gamma_F = 1.4$$

Recommended loads are based on the simplified design method according to ETAG 001, Annex C and are valid for one anchor. For Design loads multiply by the factor γ_F.
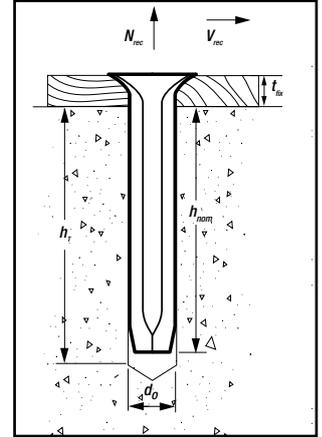
MATERIAL SPECIFICATION

Express Nail: AISI steel 1050, hardened zinc plated 5 µm