

# TWEE METHODEN OM DE VOETPLAAT EXCENTRISCH OP DE ONDERGROND TE PLAATSEN:

## Methode 1:

Concrete - Feb 7, 2025 (1) (Drafts) - India, European design (EN, ETAG), ETAG Bond, ETA 20/0541

**BASE MATERIAL**

Concrete type: Normal concrete

Cracked concrete

M 25

$f_{c,cyl}$ : 20 N/mm<sup>2</sup>  $f_{c,cube}$ : 25 N/mm<sup>2</sup>

**TEMPERATURE**

**GEOMETRY 2**

Concrete thickness: 250 mm

Edge dist. +x: ∞ Edge dist. -x: ∞

Infinity  Infinity

Edge dist. +y: 110 mm Edge dist. -y: 110 mm

Infinity  Infinity

**INSTALLATION CONDITIONS**

**TORQUING METHOD**

HIT-RE 500 V4 + HAS-U 5.8 ...

Change to 2D

58%

Concrete breakout 42%

Concrete edge breakout 14%

Combination 32%

N°	Name	Type	Forces [kN]			Moments [kNm]			Utilization
			Vx	Vy	N	Mx	My	Mz	Max
1	Combination 1		10	0	0	2	0	0	42%

Input custom factored loads | Import factored loads from a spreadsheet

MESSAGES

- You can get better results for concrete edge breakout by selecting SOFA with filled holes. Update to SOFA & select filled holes
- Anchor (1, 2, 3, 4) are too close to the profile (min = 24 mm).

ANCHOR CENTRE TO CONCRETE EDGE DISTANCE -  
This distance can be updated in geometry also

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## Methode 2:

