GEBR.BODEGRAVEN BV
verbindingen voor de bouw

Declaration of Performance Thin joint wall tie 280 Ø4mm 0,5 stainless steel AISI 316 or equal

No.: DOP-GB-35780-WT-ENG Date: 01-10-2022 version: ENG

1. Unique identification of product type	35730 
2. Indication	Thin joint wall tie 280 Ø4mm x 0,5mm stainless steel AISI 316 or equal, Steel Grade W-Nr.:1.4401-1.4362
3. Application	For connecting a glued inner wall with a masonry outer wall
4. Applicable	- Solid and perforated brick masonry (clay, concrete, AAC, etc.) - Calcium silicate elements, blocks and bricks with a compressive strength > 12 N/mm^2 - Calcium silicate with air holes 5DF, 3DF - Masonry outer wall - Design cavity width 130mm +/- 15mm - Mortar LM 2a, 3, 21 and 36, >M5 - Embedment inner wall 90mm - Embedment outer wall 45mm-75mm - Joint thickness inner wall >2mm <8mm - Joint thickness outer wall >3mm
5. Name and contact address manufacturer	Gebr. Bodegraven BV Atoomweg 2, 2421 LZ Nieuwkoop 0031 (0)172 520110
6. Name of authorized representative	J.E.C. Bodegraven, Director
7. System of assessment and verification of the constancy of performance	3
8. Activity of the Notified Body testing authority in accordance to EN 845-1 and EN 846-5	The notified body no. 0764: **M**aterial**p**rüf**a**nstalt (MPA) für das Bauwesen und Produktionstechnik has based and determined the load values on: - Tests according to EN 846-5
9. European Technical Assessment	EN 845-1

10. Declared performance according EN 845-1 & 846-5

Essential specifications	Performance	European Standard
Mechanical strength (declared values):		
- Tensile capacity calcium silicate inner wall:	2800 N	846-5
- Tensile capacity aerated concrete inner wall:	2800 N	846-5
- Tensile capacity perforated ceramic brick inner wall:	1800 N	846-5
- Tensile capacity outer wall:	1300 N	846-5
- Centric compressive strength 145mm cavity:	600 N	846-5
Durability / Material reference	1	845-1

11. The performance of the products defined in paragraphs 1 and 2 are in accordance with the declared performance in paragraph 10.
This Declaration of Performance is provided under the sole responsibility of the manufacturer as referred to in paragraph 5.

Nieuwkoop, 01-10-2022 Signed by:

J.E.C. Bodegraven, Director