

Datasheet

RT550

UNIKA KRONOS WATERSTRUCK



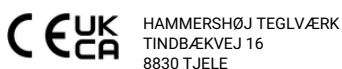
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DETAILS FROM DOP

| | | | | |
|---|---------------------------------------|---|---------------|----------------|
| Brick type / Category | U / 1 | | | |
| Intended use | Bricks for use in unprotected masonry | | | |
| Geometry | G1 | In accordance with EN1996-1-1 holepercentage under 25 | | |
| Dimensions, [mm] | DK-NF | Length 228 | Width 108 | Height 54 |
| Tolerance, [mm] | T2 | Length ± 4 | Width ± 3 | Height ± 2 |
| Range, [mm] | Rm | Length 15 | Width 7 | Height 5 |
| Gross density | 1750 | kg / m ³ | | |
| Tolerance | D1 | $\pm 10\%$ | | |
| Compressive strength, average, min | 33 | N/mm ² | | |
| Compressive strength, normalized, min | 25 | N/mm ² | | |
| Water absorption, maximum | 14 | Weight% | | |
| Durability against freeze/thaw | F2 | Freeze/thaw resistant | | |
| Active soluble salts content (Category) | S2 | | | |
| Fire resistance | A1 | contains < 1,0% organic material | | |

SUPPLEMENTAL INFORMATION

| | | |
|---|--|--|
| Initial rate of absorption, average value \pm tolerance | 2,0 \pm 1,0 | kg/m ² |
| Exposure class | MX3.2, MX4 | |
| Bond strength | 0,15 | N/mm ² , table value, EN 998-2, annex C |
| Bricks per m ² with a 12mm mortar joint | 63 | pcs / m ² |
| Palletising | 80 | pcs |
| Cleaning | Acid-cleaning is not allowed. See instructions for cleaning of masonry at randerstegl.com | |
| Mortar selection | The type of mortar is chosen on the basis of characteristics of strength and durability in accordance with static impacts and exposureclass. | |
| Note | Brick is a natural material and variations can thus occur in terms of colour and structure. Therefore please see samples or reference buildings with the brick products in question. The bricks are placed in a specific pattern when fired, this provides the bricks with an impressive play of colours. The method may cause the facades to bend. The bending measures approx. 2-3 mm, but several bricks may bend up to approx. 10 mm. | |



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Randers Tegl A/S
Mineralvej 4
DK-9220 Aalborg

Tlf: 98 12 28 44
info@randerstegl.dk
www.randerstegl.dk



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