

# SALVIA ZERO

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The raw materials are excavated in Weichsel loam layers, the local loam of Aeolian origin dating from the Ice Age. This löss mainly consists of a silt-like fraction, suited ideally for the manufacturing of hand form bricks. By using specific sand types for surface covering, the desired colour is achieved.

## COLOUR

unicoloured purple red

## FORMAT

Dimensions (L x B x H): 204 x 100 x 50 mm  
Number of pieces/m<sup>2</sup> (4 mm joint): 90

The brick size is suitable for traditional half-brick bond. Thanks to a recess in the top of the brick, the mortar bed lies deeper. The joint at the front is thus reduced to 4 to 5 mm.

## INDIVIDUAL CHARACTERISTICS



NBN EN 771-1 Cat. I - HD

|                                    |  |
|------------------------------------|--|
| Average compressive strength       | 20 N/mm <sup>2</sup>                             |
| Dimensions: tolerance category     | T2   |
| Dimensions: range category         | R1   |
| Dimensional stability              | 0,04 mm/m  |
| Adhesive strength (mortar)         | 0,15 N/mm <sup>2</sup> (0,30 N/mm <sup>2</sup> ) |
| Active soluble salts               | S2   |
| Reaction to fire                   | Euroclass A1 (TOC < 0,1%)                        |
| Water absorption                   | <= 14% (m/md)                                    |
| Initial rate of water absorption   | <4,5 kg/m <sup>2</sup> .min                      |
| Water vapour diffusion coefficient | 5/10 (EN 1745)                                   |
| Net dry density                    | 1740 kg/m <sup>3</sup> (D1)                      |
| Gross dry density                  | 1630 kg/m <sup>3</sup> (D1)                      |
| Equivalent thermal conductivity    | 0,60 W/m.K                                       |
| Freeze / thaw resistance           | F2   |
| Dangerous substances               | NPD (No performance determined)                  |

We advice to use a custom, prefabricated mortar with improved bonding, which is suitable to use on moderately to highly absorbent facing bricks. For more information, we can refer you to a [building material supplier near you](#).

### Plants:

Vandersanden Spouwen  
Riemsterweg 300  
B-3740 SPOUWEN

Vandersanden Lanklaar  
Nijverheidslaan 11  
B-3650 LANKLAAR