

## TECHNICAL DATA SHEET

# 30098

## WDVSMART DÄMMSTOFFTELLER HDT 90/140



### AREA OF APPLICATION

WDVSmart HDT anchor expansion supplements and expands the system anchors in the WDVSmart system.

### PROPERTIES

- For anchor plate expansion
- Reduces anchor quantities
- Made from glass fibre reinforced polyamide

**COLOUR SHADE:** white

**CONTAINER:** 100 units/box

**COVERAGE:** The required quantity must be determined on a case-by-case basis by aligning the number of anchors and the setting pattern with the selected approval/the system, substrate, and wind load.

### TECHNICAL DATA:

Ø 90 mm or Ø 140 mm

### AREA OF APPLICATION

#### GENERAL RULES:

The substrate must be prepared and the coating work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects, as appropriate for the type of use and the substrate: BFS data sheets 9 (for coatings on external render), 13 (for coatings on brick fair-faced masonry), 14 (for coatings on fibre cement boards and asbestos-cement boards), 19 (for cracks in external render (coating and reinforcement)), 19.1 (for cracks in rendered and non-rendered masonry), 20.1 (for the assessment of substrates for rendering and plastering), 21 (technical

directives for the application of external wall insulation systems).

Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 "Painting and coating work".

Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary. All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion.

### APPLICATION

Before the anchor is set, the expanded anchor plate HDT 90/140 should be pushed over the anchor shaft and onto the anchor plate, and can be locked in place if required.

### APPLICATION TEMPERATURE:

0–40°C, avoid strong solar radiation over several weeks.

### APPLICATION NOTES:

Ensure compliance with applicable legislation and directives (e.g. building regulations, EneV, etc.), BFS data sheet no. 21, information from the Fachverband Wärmedämmverbundsystem in Germany, and the relevant EWIS system approval, as well as the technical approval for the anchors. Further directives including BFS data sheet no. 19 and following also apply, along with other valid regulations governing rendering and plastering.

### SPECIAL INFORMATION

Refer to the data sheet for anchors in external wall insulation systems issued by the VDPM (Verband für Dämmsysteme, Putz und Mörtel e.V.) for more information.

### APPROVALS

Z-33.43-956 WDVSmart bonded + anchor-fixed

### STORAGE

Tightly sealed and dry.

### DISPOSAL

Disposal in accordance with current regional legal requirements.

### GENERAL SAFETY ADVICE

No special safety measures are necessary.

### TECHNICAL CONSULTATION

Please contact our technical customer service team (06324-709-0) if you have any questions that have not been answered in this Technical Data Sheet or relate to a specific project. We would be happy to provide further assistance.

### DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account.

The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to

provide specific advice and will be happy to do so.

We accept no responsibility for the use of the product in combination with other products. The data provided in this

Technical Data Sheet does not constitute binding information or liability.

Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet;

information about this can be accessed at any time on our website: [www.suedwest.de](http://www.suedwest.de).

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