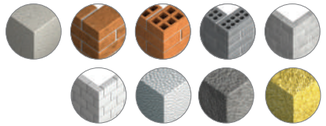
# APPLICATIONS

suitable for all substrate types

**A B C D E**



## TECHNICAL INFORMATION

| Substrate category | A | B | C | | D | E |
|---|---|---|---|---|---|---|
| Substrate | Concrete 16/20 | Solid brick Mz | Hollow brick | Sand-lime Hollow brick | Lightweight concrete | Autoclaved aerated concrete |
| Characteristic load capacity [kN] | 1.20 | 1.20 | 0.50 | 1.10 | 0.50 | 1.00 |
| Min. hole depth in substrate [mm] | 35 | | | | | 75 |
| Installation depth [mm] | 25 | | | | | 65 |
| Point thermal transmittance x [W/K] | 0.001 | | | | | |
| Plate stiffness [kN/mm] | 1.0 | | | | | |

## PRODUCT INFORMATION

| R-TFIX-8M | Fixing | | | Insulation material thickness | | QTY |
|---|---|---|---|---|---|---|
| | Diameter | Length | Plate Ø | | | Unit package |
| | mm | mm | mm | A,B,C,D | E | pcs |
| R-TFIX-8M-135 | 8 | 135 | 60 | 100 | 60 | 200 |
| R-TFIX-8M-155 | 8 | 155 | 60 | 120 | 80 | 200 |
| R-TFIX-8M-175 | 8 | 175 | 60 | 140 | 100 | 200 |
| R-TFIX-8M-195 | 8 | 195 | 60 | 160 | 120 | 200 |
| R-TFIX-8M-215 | 8 | 215 | 60 | 180 | 140 | 100 |
| R-TFIX-8M-235 | 8 | 235 | 60 | 200 | 160 | 100 |
| R-TFIX-8M-255 | 8 | 255 | 60 | 220 | 180 | 100 |
| R-TFIX-8M-275 | 8 | 275 | 60 | 240 | 200 | 100 |
| R-TFIX-8M-295 | 8 | 295 | 60 | 260 | 220 | 100 |

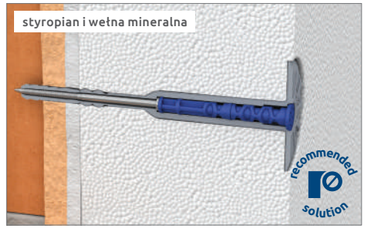
**EasyFix** Product included in EasyFix calculation software to optimized the quantity of fixing point in project.



facade fixing

## R-TFIX-8M

### FLUSH INSTALLATION




### ACCESORIES

Substrate categories and corresponding drill types

| Drill types | Substrate category | | | | |
|---|---|---|---|---|---|
| | A | B | C | D | E |
| RT-SDSA Drill bits Aggressor SDS plus | V | V | | V | V |
| RT-SDSR Drill bits Rebardrill SDS plus | V | V | | V | V |
| RT-SDSB Drill bits Brickdrill SDS plus | | V | V | | |

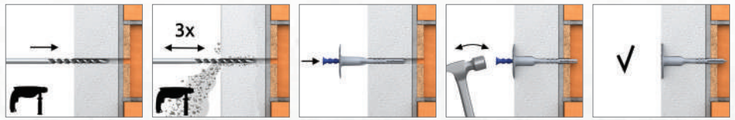
KWL-140

KWL-110

KWL-90

## INSTALLATION INSTRUCTIONS

The possibility of adjusting thanks to the unique design of the compression zone.




1. Drill a hole of required diameter and depth
2. Drilling depth of min 35mm in A,B,C,D materials and 75mm in Aerated Concrete Block.
3. Clean drilled hole 3 times.
4. Bottom side of the plate must be flush with the ETICS.
5. Embedment depth of min 25mm in A,B,C,D materials and 65mm in Aerated Concrete Block.
6. Hammer the nail into the plastic sleeve until fixing is secure and flush with insulation material.
7. In soft insulation panels the fixing should be combined with insulation retaining plates KWL-90, KWL-110, KWL-140.

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RM-I-R-TFIX-8M-EN

# R-TFIX 8M

**"BEST EFFICIENCY!
THERE'S JUST NO BETTER WAY TO DO IT**

The most efficient
hammer-in facade fixing

Rawlplug at your service

# HIGHLIGHTS

**Trust & Innovation**

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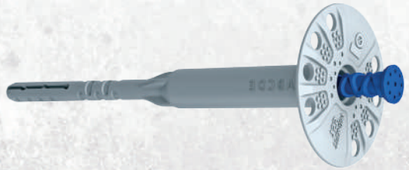
# THE MOST EFFICIENT HAMMER-IN FACADE FIXING

Unspoiled facade appearance
for many years without any discolouration

Scan the QR code
for more information

**HAMMER-IN FACADE FIXING**

ETA · CE · ZP ZINC PLATE STEEL · A2 STAINLESS STEEL



## R-TFIX-8M
facade fixing

Combined with the attention to the details that ensure comfortable use, the top technical parameters make it the most efficient hammer-in facade fixing available in the market

## Approvals and reports

ETA-17/0592

ETA · CE

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# The most efficient hammer-in facade fixing

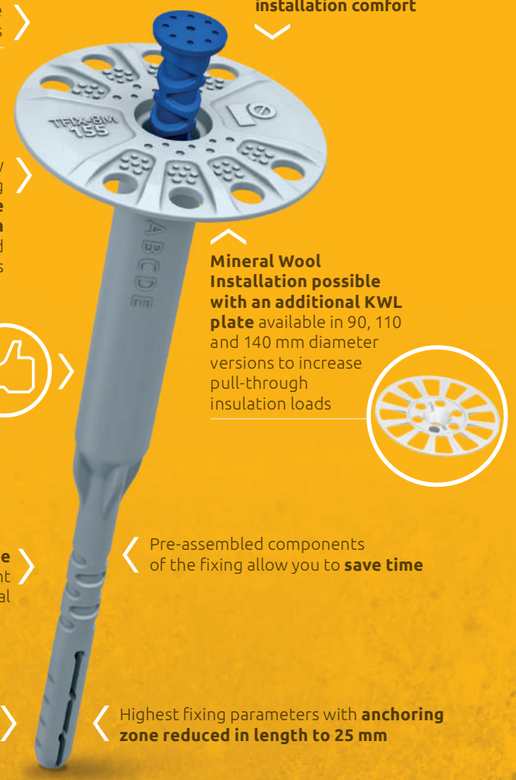
**Reduced point thermal transmittance to 0,001W/K** thanks to high steel pin overmould, which decreases facade heat losses

Increased head diameter enabling centric hammer driving for **improved installation comfort**

High plate rigidity (1.0 kN/mm) ensuring **stability of the facade thermal insulation system** by counteracting wind suction-induced vibrations

**Mineral Wool Installation possible with an additional KWL plate** available in 90, 110 and 140 mm diameter versions to increase pull-through insulation loads

**Easy and quick installation** in substrates of all categories (ABCDE)




**Compression zone** for controlled fixing embedment in the insulation material

Pre-assembled components of the fixing allow you to **save time**

**Anchoring zone of unique design** for efficient transfer of high loads and reduced number of anchors per m²

Highest fixing parameters with **anchoring zone reduced in length to 25 mm**

Available lengths from **135 to 295 mm**

## ENERGY EFFICIENCY

The product is particularly recommended for energy-efficientand passiveconstructionprojects. Its new design, featuring 5 times longer thermalbarrier between the steel nail and the facadesurface, ensures point thermal bridges reduced byas much as 50%, i.e. to 0.001 W/K for each productlength, compared to the most popular productsavailable in the market. Bear in mind that lowthermalpermeability of the fixing is one of itsmain properties that eliminates the risk ofdiscolourationspots on the facade.

## BEST SOLUTION IN THE MARKET FOR ANCHORING IN CORE SLAB

The only product certified for anchoring thermal insulation boards in 40 mm thick concrete slab structures, where the thin substrate wall is typically a major constraint for efficient fixing

## WIDEST SPECTRUM OF APPLICATIONS

High strength parameters of the fixing make it suitable for diverse applications in substrates of all types ABCDE] and with all kinds of thermal insulation systems, which has been confirmed in European Technical Assessments (ETAs).

## FASTEST INSTALLATION

The hammer-in technique combined with a two-component fixing with an expansion pin is a guarantee of the fastest installation compared to other facade fixings.

## ACCESSORIES