

## BETEK THERMAL INSULATION GROUP

### BETEKTECT DOWELS

#### PRODUCT DESCRIPTION

**In Betektect Thermal Insulation System**, these are used to fasten Betektect Thermal Insulation Plates to the surfaces and to protect the system against wind vacuum.

#### APPLICATION

Open a hole in the diameter of the dowel using a drill. Place the dowel case inside this hole in a way that it is adjacent to the insulation plate and drive a plastic or steel nail depending on the surface type.

#### CONSUMPTION

In average, 6 dowels are used per m<sup>2</sup> provided that one dowel is placed at each corner joint of thermal insulation plate and two in the center.

#### BETEKTECT STANDARD DOWEL (PLASTIC NAIL)

Used at concretes, solid bricks, perforated bricks, gas concretes and solid and perforated blocks made of light concrete.

On gas concrete surfaces, use of gas concrete dowel, and on brick surfaces, use of brick dowel is recommended.

Depth of fastening : > 3 cm  
Depth of hole : > 4 cm  
Diameter of drill : 8-10 mm  
Diameter of dowel head : 6 cm  
Length : 9.5 / 11.5 / 13.5 / 15.5 cm  
Packaging : 200 units

#### BETEKTECT CONCRETE DOWEL (STEEL NAIL)

Used at concretes, exposed concretes, tunnel concretes, solid bricks, perforated bricks, gas concretes and solid and perforated blocks made of light concrete.

On gas concrete surfaces, use of gas concrete dowel, and on brick surfaces, use of brick dowel is recommended.

Depth of fastening : > 3 cm  
Depth of hole : > 4 cm  
Diameter of drill : 8-10 mm  
Diameter of dowel head : 6 cm  
Length : 9.5 / 11.5 / 13.5 / 15.5 cm  
Packaging : 200 units

#### BETEKTECT BRICK DOWEL (PLASTIC NAIL)

Provides higher strength in perforated bricks and perforated surfaces with its special nibbed design.

Depth of fastening : > 7 cm  
Depth of hole : > 8 cm  
Diameter of drill : 10 mm  
Diameter of dowel head : 6 cm  
Length : 13.5 / 15.5 cm  
Packaging : 200 units

#### BETEKTECT GAS-CONCRETE DOWEL (PLASTIC NAIL)

Provides higher strength in gas-concrete surfaces with its special nibbed design.

Depth of fastening : > 6 cm  
Depth of hole : > 12 cm  
Diameter of drill : 10 mm



Diameter of dowel head : 6 cm  
Length : 11 - 14 cm  
Packaging : 200 units

**BETEKTECT OSB DOWEL (No Nail)**

Exclusively manufactured to be used in Osb and similar prefabricated surfaces. Since the diameter, size of the nail has to change depending on the surface, **Betektect OSB Dowel** has no nail.

Diameter of dowel head : 6 cm  
Length : 2.5 cm

**BETEKTECT ROCKWOOL DOWEL STAMP**

Can be used with all **Betektect Dowels** in thermal insulation plate applications in exterior thermal insulation systems. Provides excellent grip by extending compression area of the dowels.

Diameter of dowel head : 9 cm