

# TEST REPORT

article group 23000

insulation fixing, head Ø 90 mm

material:

polypropylene

temperature resistance:

from - 40° Celsius  
to + 70° Celsius



diameter in mm	length in mm	drill hole in mm	min. drill depth	min. ins. depth	max. pract. applic.
8	60	8	25 mm	20 mm	40 mm
8	80	8	25 mm	20 mm	60 mm
8	100	8	25 mm	20 mm	80 mm
8	120	8	25 mm	20 mm	100 mm
8	140	8	25 mm	20 mm	120 mm
8	160	8	25 mm	20 mm	140 mm

Pull-out results in following building materials:

*Pull-out results in kilo-Newton (kn)*

concrete B 25	0,44
brick MZ 20	0,41
sand lime full brick KSV 20	0,38

Non-supporting material, plasterwork or insulation can not be regarded as anchorage ground.

These reports are basing on internal tests and can be regarded as general recommendations, though have to be tested at local facilities. A security coefficient has to be taken into account. These results are not valid for conditions of building authorities nor do they constitute any authorization.

**Recommended security coefficient:**

**5-fold**