

TEST REPORT

article group 22953

**long expansion frame anchor,
hot zinc dipped**

material:

plug: nylon (Polyamid 6)
screw: hot zinc dipped



temperature resistance:

from - 40° Celsius
to + 80° Celsius

diameter in mm		length in mm		drill hole diameter	min. drill depth	min. ins. depth	max. pract. applic.
plug	screw	plug	screw				
10	7,0	100	105	10	100 mm	80 mm	20 mm
10	7,0	120	125	10	100 mm	80 mm	40 mm
10	7,0	140	145	10	100 mm	80 mm	60 mm
10	7,0	160	165	10	100 mm	80 mm	80 mm
10	7,0	180	185	10	100 mm	80 mm	100 mm

Pull-out results in following building materials:

Pull-out results in kilo-Newton (kn)

plug-Ø

10 mm

cavity bricks HLZ 20

3,4

sand lime hollow bricks KSL 12

2,2

light concrete G4

3,5

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