Commentary on how the Banner will be erected:

The banner will be fixed to the concrete facade, via a wire rope / frame system, as per the information provided. However on the 'curved section' as it is not a 'smooth curve' then an additional frame will be installed, as follows:

1. Between each concrete tower, nine x '130mm channel', 4 meters in length, will be bolted on to the top and bottom floors.

2. Eye Bolts will be welded to the 'channel' to allow the wire frame to run through

3. Scaffold tube will be fixed from the top channel straight to the bottom channel, fixed to each floor using an 'interclamp' system. This will allow the banner to be fixed via 'dragon tails' to each tube stopping the banner blowing out and also to protect it from cutting on the concrete floor on the curved facade.



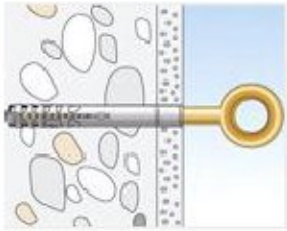


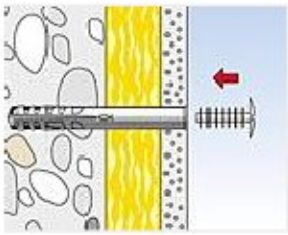
Example of Technical details for Eyebolt fixing

Product family: Scaffold anchoring GS 12



The standard scaffold anchoring in combination with fischer long-shaft fixings S 14 ROE and S 16 H-R.





Product family: Scaffold anchoring GS 12

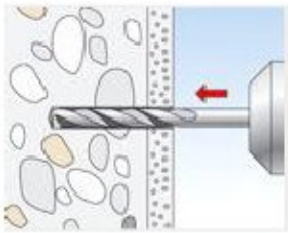
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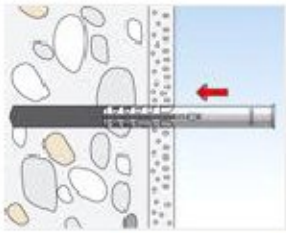
- Facade scaffolds
- Climbing scaffolds
- Tensioning ropes
- Chains

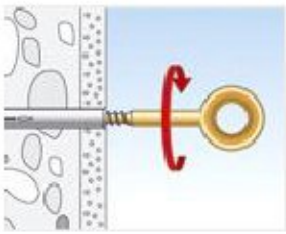
Product family: Scaffold anchoring GS 12

Installation tips

- Nylon fixings may only be used once to achieve the maximum load-bearing capacity.
- We recommend use with Long-shaft fixing S 16 H-R in perforated brick and aircrete.
- If used in hard wood, it may be necessary to drill a hole first with a drill bit diameter the same as the screw core diameter.
- Cover caps AD 12x40 for closing off holes which are left afterwards.









Above diagram is a cross-section of the building (dotted line showing profile), also highlighting M10 Eyebolts (circles) and 6mm wire rope (solid line).

Example of Technical details for Wire rope (7x19 6mm Wire rope is typically used – highlighted in Red)

	Steel Core	
Diameter	**Approximate Mass**	**Minimum breaking**
mm	kg/100m	force kN
3	**3.34**	**5.77**
4	**5.95**	**10.2**
5	**9.29**	**16.0**
6	**13.4**	**23.1**
7	**18.2**	**31.4**
8	**25**	**37.6**
9	**31**	**47.6**