

Heavy Duty Flat Base Clip-on

A very stable heavy duty mesh spacer capable of withstanding vertical loads of 100kg. The wide base distributes the load of the reinforcing mesh over a large area, preventing accidental perforation of damp proof and gas membranes. The clipping mechanism prevents rotation of the spacer when it is used on vertical formwork faces, making it ideal for use with permanent formwork systems.

Product Code	Cover (mm)	Bar Dia. (mm)	Pack Size	Pallet Size
FB40502	40 - 50	6-12	200	10000
FB65752	65 - 75	6-12	200	10000



In order to ascertain the load carrying requirements of our FB(2) spacers, BS 7973 -1: 2001 Annex A was referred to. A selection of spacers from opposite ends of the cover spectrum were selected and loaded in accordance with Annex A table 2. The required load was applied for a period of 10 minutes as per the standard and the permanent deformation of the spacer was recorded after a one minute recovery period had elapsed. In order to meet the load bearing requirements of the standard the resulting spacer height must be within 1.0mm of the height of the spacer prior to testing.

In accordance with the standard the FB(2) range was tested to meet the requirements of a normal duty spacer, category N, requiring a test load of 0.5kN (approximately 50kg). The results of our tests are tabulated below:

Sample Ref #	Cover	Test Load (kN)	Permanent Set (mm)	Classification	Result
1	40/50	0.5	0.15	Normal	Pass
2	40/50	0.5	0.32	Normal	Pass
3	40/50	0.5	0.43	Normal	Pass
4	40/50	0.5	0.12	Normal	Pass
5	40/50	0.5	0.44	Normal	Pass
6	40/50	0.5	0.50	Normal	Pass

Conclusion

From our results we are satisfied that the FB(2) in the cover range 40/50mm and 65/75mm inclusive satisfies the load bearing requirements of BS 7973-1:2001 Annex A category N.