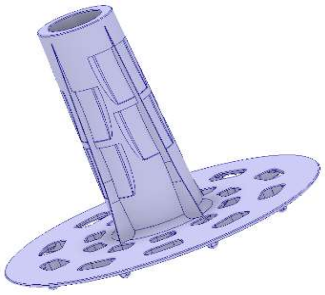
FHF : Fixing washer for bow connection systems



Features

The FHF fixing system is used for anchoring fiber filament connection systems (glass, carbon, steel, ...) in structural reinforcements. The fixing consists of a cylindrical dowel that ends with a large diameter flange. The solid structure and the PEHD molding guarantee considerable resistance to impact, erosion, durability and resistance to alkaline environments.

Applications

Structural reinforcement.

Advantages

- Resistant to alkaline environments and resins.
- High resilience.
- Speed and ease of installation.
- Excellent performance in the temperature range from -20° C to +60° C.

Material

PEHD, neutral color high density polyethylene compliant with REACH and RoHS directives.

Installation instructions

1) Make the hole in the wall with a 20mm diameter drill bit.

2) Clean the hole seat thoroughly.

3) Prepare a strip of fiber fabric of a length that allows the preparation inside the connector of the minimum number of strands needed to best distribute the stresses on the external mesh.

4) Then proceed by fraying the end of the fabric strip, cutting the mesh/support fabric parallel to the strands for a length equal to that of the tassel that you want to create on the front. For a connector with tassels on both sides, this operation must be carried out on both ends of the appropriately prepared fibre strip.

5) Once the fabric has been cut, the band will be rolled up on itself, using the FHF washer as a support.

6) Insert the rolled-up fiber tube together with the FHF washer into the hole made in the wall.

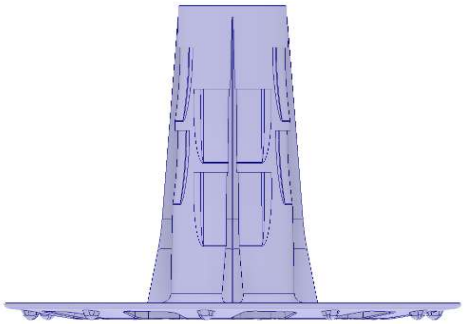
7) Spread the strands evenly over the external reinforcement mesh.

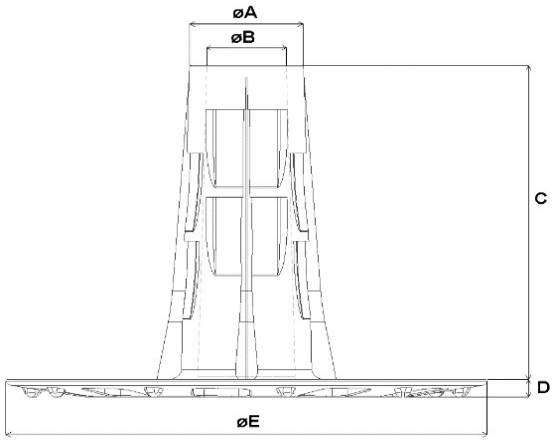
8) Inject the mortar/binder into the FHF hole.

9) Clean the seat of the internal hole of the FHF and insert the closing cap provided.

10) Proceed to cast the binding mortar by spraying or by roughcasting to cover the entire reinforced surface.

Technical Data





Code	A	B	C	D	E
FHF20	20,5	14	63	3,5	86

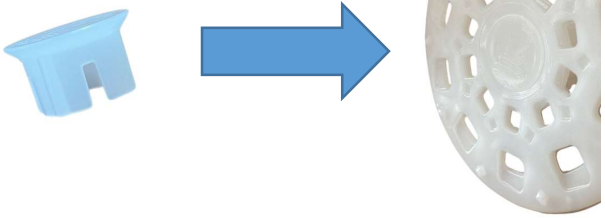
Note: All dimensions are in millimeters.

Cap supplied

Packaging

Industrial carton

Cod.	Pcs / Carton
FHF20	50
FHFI20	250



Warnings

The data reported correspond to our current technical and applicative knowledge for an appropriate use of the product and are to be considered, in any case, indicative and general, therefore not binding for the same. It is recommended to carry out a preliminary practical test in order to verify the suitability of the product in relation to the intended use, purpose and its use. The user is responsible for verifying the suitability and the correct implementation of the products described in this document for the use and purposes it intends.

Usage

Store in the original packaging in a covered and dry place.

Safety Instructions

According to the current European regulations, the articles in question do not require a Safety Data Sheet (Reg.1906/2007/CE - REACH). During application, the use of gloves, dust mask and protective glasses is recommended. Follow the safety regulations in place in the workplace.