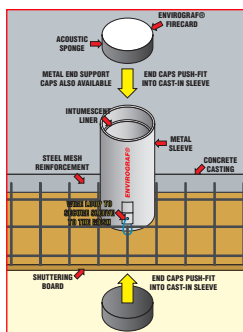


ENVIROGRAF® PRODUCT 12

CAST-IN-CONCRETE ACOUSTIC / SMOKE / FIRE PROTECTION SLEEVE



DESCRIPTION

A circular metal collar with an intumescent lining, designed for setting into concrete and to allow any type of service (cable, pipe, etc) to be inserted or removed at any time. Removable end caps are made from acoustic sponge and fireproof card, and they can be cut with a sharp knife to accommodate services up to 200mm internal diameter. They can be fitted into bored holes if new services are required after the concrete has been set. Suitable for use in either domestic or industrial applications (such as computer rooms, hospitals, laboratories, etc).

USE

For use around services in fire-rated floors, the sleeve is fastened to the reinforcing mesh with wire ties and cast into the concrete. The enclosed ends prevent concrete from filling the inner part of the sleeve. After casting and before the concrete is set, the ends are simply wiped clean with a damp cloth. After the concrete is set, the end caps are released by scoring around the rim tape with a sharp knife. The end caps are then cut to fit the service and are placed back into the end of the sleeve. At any time, these end caps can be removed for ease of maintenance, offering excellent versatility. In a fire, the intumescent liner expands to fill the gap around services and blocks passage of smoke and fire. Acoustic end caps provide excellent attenuation to airborne sound, reducing transmission through the floor. Metal end-caps can be supplied for use after setting, allowing people to walk on or pallet trucks to pass over.

PERFORMANCE

Tested to BS476 Parts 20 & 22 (1987), giving up to 4 hours protection and sound insulation to Doc E of UK Building Regulations and BS476 Part 31/1. Also tested at VNE to European Standard EN1363-1 (2000).

ORDERING REFERENCES :

- CCS 83** To suit pipes up to 76mm
- CCS138** To suit pipes up to 116mm
- CCS195** To suit pipes up to 166mm
- CCS250** To suit pipes up to 200mm

State length of sleeve unit required

