TECHNICAL DATA SHEET

ENVIROGRAF®

TD004-08-2019

Product Number: 4

Intumescent Coated Slabs

Description:

This product is made from a high density rockwool slab with an Intumescent coating on either one or both main faces, depending on the fire protection required. These slabs are suitable for use as a permanent fire barrier in walls and floors.

For floor applications a wire mesh should be used to support the slab if over 1m². An Intumescent jointing compound is supplied with each slab for fixing. The coated slabs can be supplied in 60mm thicknesses. The 60mm is a very high density Size: 1200mm x 600mm.

The slabs also offer acoustic protection in two ways either by impeding the transmission of sound through an element of the structure or by absorption of sound at the surface.

Acoustic Data

The correct use of Coated Batt within structural cavities and voids will reduce the level of transmitted sound:-

Rw= up to 52 db (2 x Coated Batts) – incorporating 48mm O/D PVC / 15mm copper pipe penetrations.

Rw= up to 34 db (1x Coated Batts) – incorporating 48mm O/D PVC / 15mm copper pipe penetrations

Material Specification:

Rockwool (Slab only)

Inert Vitreous silicate mineral wool, Bonded with phenolic / Urea thermoset resin, with up to 0.25% mineral oil, with a surface mastic.

Density: 240 Kg/m³ with Mastic, 160 Kg/m³ without Mastic

Slab Coat

Aqueous polymer system with inert and fire retardant fillers

Test Details:

	Integrity	Insulation
LPC – TE82610	183 Minutes	N/A
Chiltern – RF95001	125 Minutes	125 Minutes