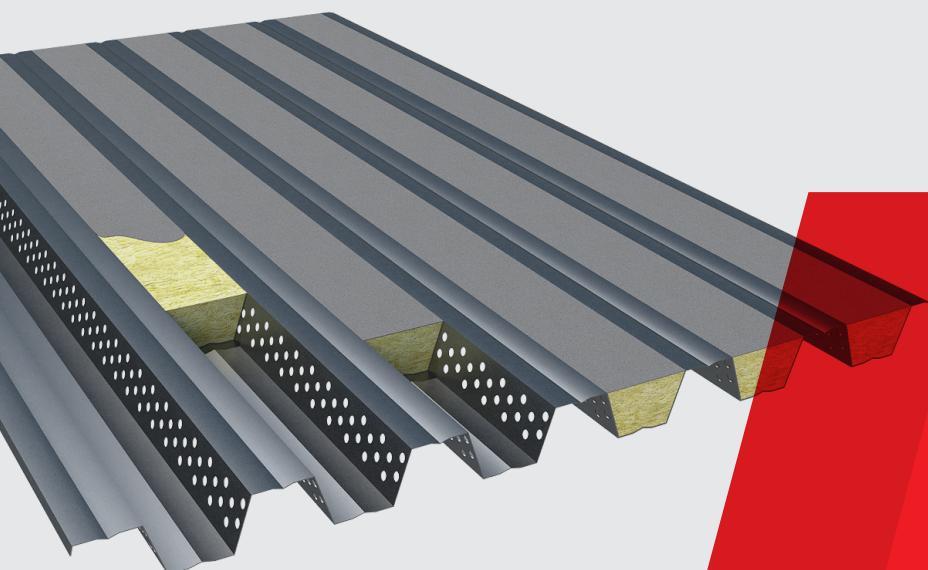




PFC COROFIL
PASSIVE FIRE PROTECTION SOLUTIONS



Product Technical Data Sheet:

TDSCAPF

**PFC Corofil Acoustic Profile
Fillers CAPF**



**LINEAR
GAP SEALS**



NBS



ASFP

Technical Description of Product



PFC Corofil Tissue Faced Acoustic Profile Fillers are supplied in 1200mm lengths with either white or black tissue facing.

They are available in a range of densities to meet the roofing manufacturer's or architect's specification.

Intended Use

PFC Corofil Tissue Faced Acoustic Profile Fillers are designed to fit into the corrugations of perforated metal roof decking used to reduce sound reverberation within a room.

This data sheet shows the only applications the product has been tested in. Please ensure the product has been tested in and is suitable for your application (see PFC Corofil terms and conditions 13.1.1).

Key Points

Provide an absorptive surface without the expense, aesthetic problems or inconvenience of suspended acoustic systems.

Tissue facing reduces mineral fibre migration.

Available in various densities to suit any profile.

Technical Data



Specification

Product Form	Pre-cut to suit dimensions of metal roof decking profile
Density	45kg/m ³ , 60kg/m ³ , 80kg/m ³ , 100kg/m ³
Tissue Facing	White, Black

Acoustic Absorption co-efficients S=Solid Backing C=Cavity

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
45kg/m ³							
25S	0.05	0.25	0.55	0.75	0.9	1	0.61
40S	0.14	0.4	0.87	1	1	1	0.82
50S	0.25	0.65	1.05	1.1	1.05	0.95	0.96
75S	0.5	1.05	1.2	1.15	1.1	0.95	1.13
100S	0.8	1.15	1.2	1.15	1.15	1	1.16
50C	0.45	0.95	0.8	0.95	1	0.95	0.97
60kg/m ³							
25S	0.1	0.2	0.65	0.85	1	0.9	0.68
40S	0.13	0.49	0.95	1	1	1	0.86
50S	0.25	0.65	1.05	1.1	1.1	0.95	0.98
75S	0.55	1.1	1.2	1.15	1.15	1.05	1.15
50C	0.45	0.9	0.8	0.9	0.95	0.95	0.89
100kg/m ³							
25S	0.05	0.3	0.7	0.95	1.05	1	0.75
40S	0.12	0.44	0.88	1	1	0.83	0.83
50S	0.35	0.85	1.1	1.1	1.15	1.1	1.05
75S	0.44	1	1.1	1.1	1	1	1
50C	0.65	0.95	0.8	0.9	0.95	1	0.9

Installation Instructions



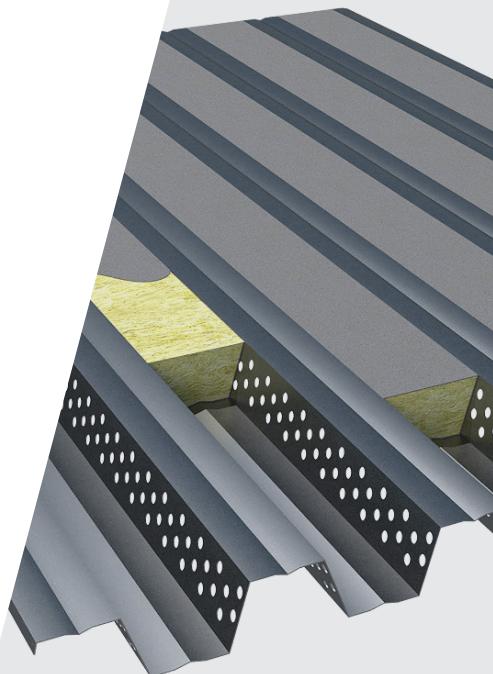
Ensure the tissue faced acoustic profile filler is the correct density, colour and profile shape.

Ensure the trough of the decking is clean and free from obstructions.

Insert the tissue faced profile filler into the decking making sure it is the correct orientation.

Slide the filler along the trough.

Repeat the procedure until each trough is completely filled.



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King Georges Trading Estate | Davis Road | Chessington | KT9 1TT
T. +44 (0) 208 391 0533

E. sales@pfc-corofil.com | tech@pfc-corofil.com | W. pfc-corofil.com

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