

EX4 - 19MM FYRELINE DIRECT FIX, OVER-CLAD

SPEC. CODE	STC	FRR	SYSTEM SUMMARY
EX4	42	-/180/180	KOROK® 78mm panels (400 Kg/m ³ density) The internal side lined with 1 layer of 19mm GIB Fyrelime® or acceptable GIB® alternatives or 2 layers of 10mm GIB Fyrelime® or acceptable GIB® alternatives Longrun profiled steel cladding system as selected

KOROK® PANEL

KOROK® 78mm panels are installed vertically.

KOROK® 78mm panels, located in KOROK® C-track 60mm high x 80mm wide x 1.15B.M.T. C-track is fixed at a maximum of 400mm centres bedded on a bead of fire-rated sealant.

See the vertical installation sections of the KOROK® Technical & Installation Manual for installation details.

SEALANT

Beads of fire-rated sealant are required around the perimeter of the KOROK® system. Refer to the KOROK® Technical and Installation Manual for more information on sealant application, and to the KOROK® Components Summary for approved sealants, and to the KOROK® Components Summary for approved sealants.

LINING

Internal face 19mm GIB Fyrelime® or acceptable GIB® alternatives vertical or horizontal fixing permitted, sheets touch fitted.

Offset joints in double layer systems: For vertical fixing all sheet joints must be formed over framing and sheet joints must be offset. The second layer may be fixed horizontally, in this case no studs are required behind longitudinal joints. Linings to be fixed hard to floor.

FASTENING THE LINING

19mm GIB Fyrelime® sheets are fixed to the KOROK® using 6 gauge x 32 mm self-tapping plasterboard screws at approximately 200 mm centres around the perimeter and

along the centreline of each sheet, adjusted as necessary so that the screws engage in the steel facing of the KOROK®.

The 10 mm GIB Fyrelime® sheets may be placed vertically or horizontally, with sheet joints staggered 600 mm between layers.

10 mm GIB Fyrelime® is to be fixed as follows:

1st layer: 6 gauge x 25 mm self-tapping plasterboard screws at 600 mm centres around the perimeter and along the centreline of each sheet.

2nd layer: 6 gauge x 32 mm self-tapping plasterboard screws at 300 mm centres around the perimeter and along the centreline of each sheet.

Sheet end joints: 6 gauge x 32 mm self-tapping plasterboard screws at 200mm centres.

JOINTING

19mm GIB Fyrelime®, all screw heads stopped and all sheet joints tape reinforced and stopped in accordance with manufacturer's instructions.

2 x 10mm GIB Fyrelime® inner layer unstopped. Outer layer, all screw heads stopped and all sheet joints tape reinforced and stopped in accordance with manufacturer's instructions.

CLADDING

The longrun profiled steel cladding system and its components will be subject to specific engineering design.

Battens to suit cladding systems are typically fixed to panel joints.

