

# NCS3 - STC59 APARTMENT INTERTENANCY ACOUSTIC RATED SYSTEM

SPEC. CODE	STC	FRR	WALL THICKNESS*	FRAME	CAVITY	SYSTEM SUMMARY
NCS3	59	-/120/120	188mm	64mm Steel stud one side	20mm	KOROK® 78 mm panels + 1 layer 13 mm GIB Noiseline® or plasterboard of equivalent nominal thickness and density one side + 1 layer 13 mm GIB® Standard or plasterboard of equivalent nominal thickness and density other side

\*Nominal thickness

## KOROK® PANEL

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

## FRAMING

Frames are 64mm x 34mm x 0.55B.M.T. steel studs, friction fitted into C-Section tracks 64mm x 30mm x 0.55B.M.T.

Framing must be installed as per the manufacturer's instructions.

## ACOUSTIC INSULATION

Acoustic insulation must be either Greenstuf Sound Solution® Plus 75 or Pink Batts R 1.8 or insulation of an equivalent nominal thickness and density.

## LINING

Frame is lined with 1 layer of 13 mm GIB® Standard or plasterboard of equivalent nominal thickness and density on one side and one layer of 13 mm GIB Noiseline® or plasterboard of equivalent nominal thickness and density on the other, fixed vertically with joints over framing one side and direct fixed the other. All plasterboard linings must be fixed in accordance with the manufacturer's fixing instructions.

## SEALANT

Beads of fire rated sealant are required around the perimeter of the KOROK® system. Refer to the installation section of this publication for more information on sealant application, and to the KOROK® Components Summary for approved sealants.

