



RESISTANT
BUILDING PRODUCTS (2025) LTD

20-20
fibre cement board



why choose 20-20 Fibre Cement Boards?

20-20 Fibre Cement Board has been developed by Resistant Building Products to provide our customer with 1 tough board for 3 demanding applications: Direct Render Carrier, EWI Substrate & LGS Fire Resistant Sheathing.

DIRECT RENDER CARRIER



HIGH STRENGTH - 13 MPa MOR (bending strength) in wet conditions.



IMPACT RESISTANT - Strong enough to sustain heavy blows.



WEATHER RESISTANT - Highest possible at A durability rating BS EN 12467.

K Rend
Silicone Coloured Renders

Stonepack
AGGREGATES & RENDERS

eco rend

PRB
Systems Limited

3au

VPI
VICAT PRODUITS INDUSTRIELS

EWI SUBSTRATE



HIGH STRENGTH - Excellent screw withdrawal/pullout.



[12mm 20-20 FCB] Successfully tested in conjunction with SG Weber EWI System.

weber
SAINT-GOBAIN

LIGHT GAUGE STEEL FRAME FIRE RESISTANT SHEATHING BOARD



A1 NON-COMBUSTIBLE - Won't add fuel to a fire.



60 & 90 MINUTES FIRE RESISTANCE WALL - 9mm board tested in both directions (see our passive fire guide for full details: www.resistant.co.uk).

TESTING & CERTIFICATION



BS EN 13501-1



BS EN 1364-1 NLB Steel Stud Partition



**BS EN 12467
CATEGORY A**

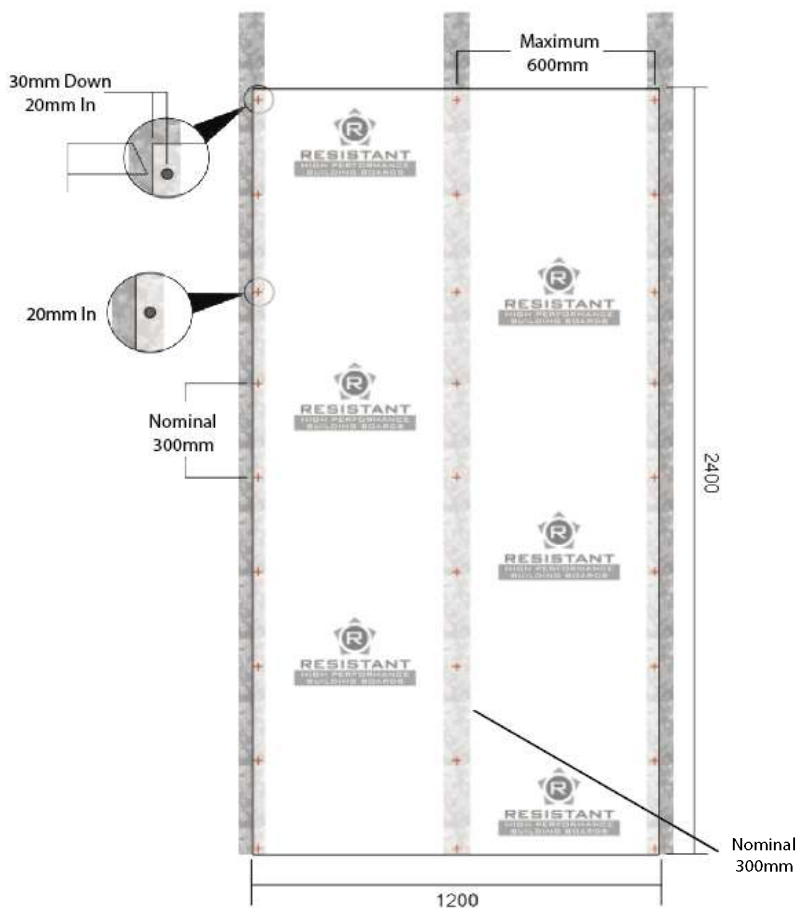
Efectis

F.T.M.R.C.

STAV
ASSUREGOLD

FIXING & FITTING INFORMATION

Resistant 20-20 Boards are used in many varied applications that may require fitting gaps, expansion gaps or butting edge joints tightly. Our generic fitting guidance is summarized here:



Boards should be offset so that 4 corners never meet



Space fixings a minimum of 30mm down from corners and 20mm down from edges



Use stainless steel fixings in all service class 3 (external applications such as render carrier) conditions



Leave a 4mm fitting gap all around when fitting as a direct render carrier.

Leave a 2mm fitting gap all around when fitting as a sheathing board. Board joints can be filled with jointing compound/sealant & covered with tape as required.



Please note a fitting gap is not the same as a movement joint. Allowance for movement should be detailed by the building designer.



Breather membrane required when using as sheathing.

TIMBER STUD

Typically
countersunk head

4.8 x 42 mm



METAL STUD

Typically wing
tipped & self-drilling

4.8 x 38 MM

AVAILABLE BOARD SIZES	WEIGHT PER BOARD
1200 x 2400 x 6 mm	24 KG
1200 x 2400 x 9 mm	36 KG
1200 x 2400 x 12 mm	48 KG

USES & APPLICATIONS

Fire resistant steel frame sheathing

Direct render carrier board

EWI sheathing board

Wall linings in high traffic locations & areas prone to abuse

providing solutions across the board