STOTHERM MASONRY INSULATION SYSTEM - SS207

STO ADHESIVE MORTAR

SELECTED STOTHERM PANELS - 40, 50, 60, 80 & 100mm THICK PANELS

BASECOAT: STOLEVEL NOVO 4-5mm

REINFORCEMENT: STOARMAT CLASSIC PLUS: STO EUROPEAN MESH

REINFORCEMENT: STOARMAT CLASSIC

FINISHING RENDER: STOLIT K or MP COLOURED FINISHING RENDER - 1.0, 1.5, 2.0 & 3.0mm FLOAT FINISH or MP SPOUNGE or MILANO SMOOTH

COATING/STOCOLOR MAXICRYL MATT FACADE PAINT LASTIC SATIN FACADE PAINT LOTUSAN MINERAL RESIN PAINT

NOTE:
STOTHERM PANELS CAN BE COUNTERSUNK FROM 60mm PLUS THICKNESSES

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NOTE:
PANELS MUST BE STRETCHER BOND, STARTING FROM THE BOTTOM. TO BE GLUECOAT ADHERED & MECHANICALLY FIXED WITH STOTHERM ANCHORS. ALL PANEL CUTS SHALL BE MADE CAREFULLY TO ACHIEVE A TIGHT FIT. GLUECOAT ADHERED PANELS ARE TO BE MECHANICALLY FIXED WITH STOTHERM ANCHORS. ADHESIVE FOAM ANY GAPS AFTER FIXING TO JOINERY REVEALS USE STOFLEXYL WATERPROOFING WITH STOARMAT CLASSIC MESHED HEAD, SILL & JAMB DETAIL

STOTHERM PANELS - 600X1200mm or 1200X2400mm CAN BE USED FOR THICKNESSES UPTO 60mm.
DETAIL IS SHOWING 600X1200mm PANELS

STOTHERM MASONRY INSULATION SYSTEM
STOTHERM PANEL LAYOUT - ELEVATION

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STOTHERM MASONRY INSULATION SYSTEM
STOTHERM PANEL & ANCHOR LAYOUT

STOTHERM 600X1200mm PANELS ADHERED TO MASONRY WITH GLUECOAT ADHESIVE AND MECHANICALLY FIXED WITH STOTHERM ANCHORS. 600X1200mm STOTHERM PANELS APPLY FULL COAT OF GLUECOAT ADHESIVE TO THE BACK OF THE PANELS USING A 12mm NOTCH TROWEL WITH 50mm GAP BETWEEN NOTCHES.

NOTE: PANELS TO BE STRETCHER BOND STARTING FROM BOTTOM AND STO ADHESIVE MORTAR & MECHANICALLY FIXED WITH STOTHERM ANCHORS. ALL PANEL CUTS SHALL BE MADE CAREFULLY TO ACHIEVE A TIGHT FIT. ADHESIVE FOAM ANY GAPS AFTER FIXING.

FIXINGS AT 600 CENTRES ON PARAPETS/BALUSTRADES AND EXTERNAL CORNERS OR AS PER SPECIFIC DESIGN FOR WIND PRESSURES ABOVE ULS 2.5kPa.

STOTHERM 1200X2400mm PANELS MUST NOT BE THICKER THAN 60mm
1. SURFACE MOUNTED FIXINGS:
STOTHERM MASONRY INSULATION SYSTEM CAN USE FACE FIXED STOTHERM ANCHORS ON 40-60mm STOTHERM PANELS.

NOTE
FACED FIXED ANCHORS CAN EXHIBIT THERMAL BRIDGING SPOTS IN COLD WEATHER

2. STOTHERM INSULATION PANELS:

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STOTHERM+

<table>
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3. COUNTER SUNK FIXINGS:
STOTHERM MASONRY INSULATION SYSTEM STOTHERM ANCHORS WITH STO INSULATING CAP ELIMINATES THERMAL BRIDGING SPOTS ON 50, 60, 80 & 100mm STOTHERM PANELS.

NOTE
IMPACT FIXINGS CAN ALSO BE USED ON 50, 60 or 80mm STOTHERM PANELS USING A STO ROUTER TO CUT THE HOLE.

4. STOTHERM INTERIOR RENDER SYSTEM:
SEE STO SELECTION OF INTERIOR RENDER SYSTEMS AND FINISHES.