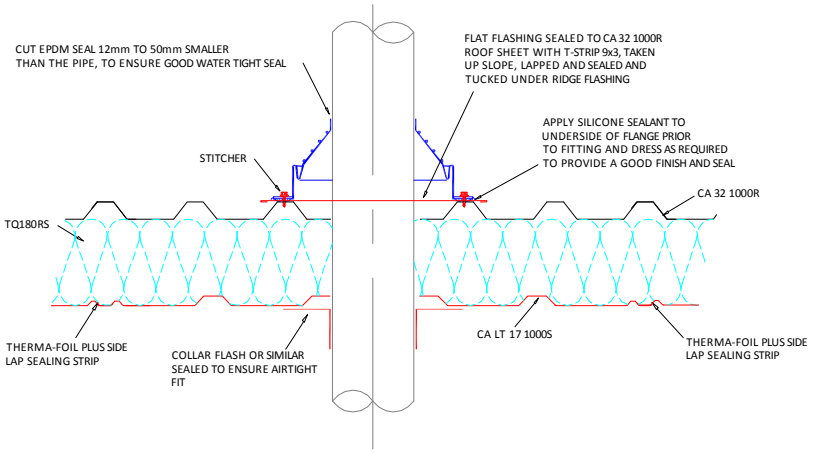
TWIN-THERM® ROOF PENETRATION DETAIL

LINEAR THERMAL PERFORMANCE IN ACCORDANCE WITH BUILDING REGULATIONS
APPROVED DOCUMENT L2:2006 & MCRMA TECHNICAL PAPER No 18
f -FACTOR = 0.79 Ψ-VALUE = 0.09W/K

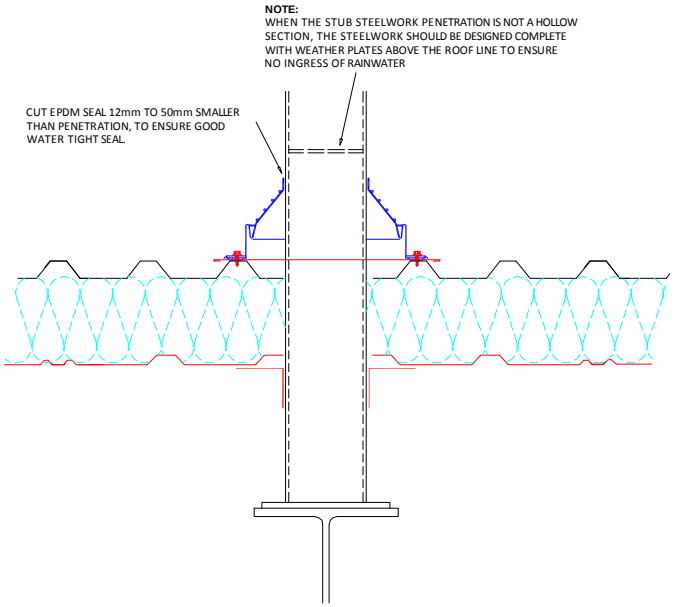
NOTE: THIS IS A POINT DETAIL, NOT A LINEAR THERMAL BRIDGE - HEAT LOSS IN W/°C/PENETRATION



TWIN-THERM® ROOF STUB STEELWORK PENETRATION DETAIL

LINEAR THERMAL PERFORMANCE IN ACCORDANCE WITH BUILDING REGULATIONS
APPROVED DOCUMENT L2:2006 & MCRMA TECHNICAL PAPER No 18
f -FACTOR = 0.62 Ψ –VALUE = 0.28 W/mK

NOTE: THE FIGURES QUOTED ARE BASED UPON 100X100 SQUARE HOLLOW SECTION. ALL PROJECT SPECIFIC PENETRATIONS MUST CALCULATED TO SUIT.
PLEASE CONTACT CA BUILDING PRODUCTS
TEL: 01388 834242 OR technical@cagroup.ltd.uk



BSI ISO 9001 FS10446

CA BUILDINGS PRODUCTS' ROOF AND WALL CLADDING SYSTEMS TO BE INSTALLED TO SECONDARY STEELWORK IN ACCORDANCE WITH SCI PUBLICATION 'P346 - BEST PRACTICE FOR THE SPECIFICATION AND INSTALLATION OF METAL CLADDING AND SECONDARY STEELWORK'.

CE ALL CA BUILDINGS PRODUCTS' PROFILES ARE CE MARKED IN COMPLIANCE WITH EN 14782: 2006

*1 REFER TO CABP TECHNICAL NOTE TN-33 'THIN GAUGE PURLINS' FOR MINIMUM THICKNESSES OF PURLINS AND CLADDING RAILS.

REFER TO RELEVANT SPECIFICATION DRAWING FOR APPROPRIATE MAIN FIX AND STITCHER REFERENCE RELATIVE TO GUARANTEE REQUIREMENTS.

NOTE:
WHEN THE PENETRATION IS LESS THAN 300mm SQUARE (OR DIAMETER) TRIMMING STEELWORK IS NOT REQUIRED
WHEN THE PENETRATION IS GREATER THAN 300mm SQUARE (OR DIAMETER) TRIMMING STEELWORK IS REQUIRED

NOTE:
FOR PURPOSES OF CALCULATION OF f -FACTORS AND Ψ-VALUES FOR THERMAL HEAT LOSS THROUGH THIS DETAIL, ADIABATIC MATERIALS HAVE BEEN ASSUMED, WHERE INDICATED AS A PENETRATION (SVP) (ADIABATIC - IMPASSABLE TO HEAT)

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TITLE:
TWIN-THERM® ROOF PENETRATION DETAILS

CA BUILDING PRODUCTS ROOF SPECIFICATION 0.25W/ m²K U-VALUE

REVISIONS:

DRAWN	CHECKED
A Land	L Davies
DATE	SCALE
August 2008	NTS
DRAWING No	REV
TT-DDR-16	A