

ROOF SPECIFICATION

SINGLE SKIN ROOFING SYSTEM UTILISING THE CA32 1000R 0.7mm THICK NOMINAL PANEL. WHEN FULLY FIXED THE FINAL CONSTRUCTION IS A CLASS B NON-FRAGILE ASSEMBLY IN ACCORDANCE WITH HSE MATERIALS STANDARD ACR(M)001:2005 'TEST FOR NON-FRAGILITY OF PROFILED SHEETED ROOFING ASSEMBLIES (THIRD EDITION)'.
 PROFILE: THE CA 32 1000R PROFILE SHEET, DOUBLE SIDED CORUS COLORCOAT HPS200 * (200/200) ULTRA 0.7mm THICK NOMINAL TO BE FIXED TO THE TOP FLANGE OF THE PURLINS IN ACCORDANCE WITH REQUIREMENTS (REFER TO TABLE BELOW). BUILDINGS OVER 10m IN HEIGHT TO EAVES MAY REQUIRE A WIND UPLIFT CALCULATION TO DETERMINE FASTENER FREQUENCY PATTERN.
 FLASHINGS: ALL FLASHINGS TO BE MANUFACTURED FROM THE SAME BATCH OF MATERIAL USED TO PRODUCE THE TOP SHEET TO ENSURE UNIFORM WEATHERING. ALL EXTERNAL FLASHINGS ARE TO BE SEALED AND STITCHED. SIDE AND END LAPS TO BE SEALED USING T-STRIP 9x3 BUTYL SEALANT.

ROOF FIXING ARRANGEMENT

PROFILE: THE CA 32 1000R PROFILE SHEET, DOUBLE SIDED CORUS COLORCOAT HPS200 * (200/200) ULTRA 0.7mm THICK NOMINAL TO BE FIXED TO THE TOP FLANGE OF THE PURLINS IN ACCORDANCE WITH REQUIREMENTS (REFER TO TABLE BELOW). BUILDINGS OVER 10m IN HEIGHT TO EAVES MAY REQUIRE A WIND UPLIFT CALCULATION TO DETERMINE FASTENER FREQUENCY PATTERN.
 FLASHINGS: ALL FLASHINGS TO BE MANUFACTURED FROM THE SAME BATCH OF MATERIAL USED TO PRODUCE THE TOP SHEET TO ENSURE UNIFORM WEATHERING. ALL EXTERNAL FLASHINGS ARE TO BE SEALED AND STITCHED. SIDE AND END LAPS TO BE SEALED USING T-STRIP 9x3 BUTYL SEALANT.

SYSTEM APPRAISAL

FIRE: FIRE RATED SAA

TABLE 1	CAG SYSTEM GUARANTEE	ROOFLIGHT OUTER PROFILE	SEALANT-A	SEALANT-B	MAIN FIXING	STITCHER
DOUBLE SIDED HPS200* ULTRA COATED STEEL COMPONENT OPTIONS	UP TO 25 YEARS	T-LIGHT 32 1000-12oz	T-STRIP 6x5	T-STRIP 18x4V	CSSC28/16	CSSS23/16
	UP TO 12 YEARS	T-LIGHT 32 1000-12oz	T-STRIP 6x5	T-STRIP 18x4V	CSC32/16	CSS22/16

ROOFLIGHT SPECIFICATION

THERMA-LIGHT ROOFLIGHT SYSTEM UTILISING THE T-LIGHT 32 1000, 2.44kg/m² (12oz) ROOFLIGHT PANELS FIXED AS INDICATED ARE PART OF A NON-FRAGILE ASSEMBLY.
 WHEN FULLY FIXED THE SINGLE SKIN ROOF INCLUDING THE THERMA-LIGHTS IS A CLASS 'B' NON-FRAGILE ASSEMBLY IN ACCORDANCE WITH THE HSE MATERIALS STANDARD ACR(M)001:2005 TEST FOR NON-FRAGILITY OF PROFILE SHEETED ROOFING ASSEMBLIES (THIRD EDITION).

ROOFLIGHT FIXING ARRANGEMENT

TOP SHEET: T-LIGHT EXTERNAL PROFILE FIXED WITH CSSC28/30 POPPY RED SELF-DRILLING STAINLESS STEEL FASTENERS THROUGH EVERY CORRUGATION AS INDICATED. SIDE LAPS STITCHED @ 450mm CTRS WITH CSSS23/16 POPPY RED SELF-DRILLING STAINLESS STEEL STITCHERS. ALL SIDE LAPS TO BE INSTALLED OVER THE METAL AT BOTH SIDE LAPS. ALL SIDE LAPS TO BE SEALED WITH A CONTINUOUS RUN OF SEALANT-A. END LAPS TO BE SEALED WITH TWO RUNS OF SEALANT-A AND ONE RUN OF SEALANT-B AT THE FIXING POSITION. REFER TO TABLE FOR SEALANT PART NUMBERS.

SYSTEM APPRAISALS

FIRE: DESIGNATED 'AB' TO BS476:PART 3: 2004 LINER IS CLASS '1' SURFACE SPREAD OF FLAME EXTERNAL IS CLASS '3' SPREAD OF FLAME TO BS476:PART 7: 1997

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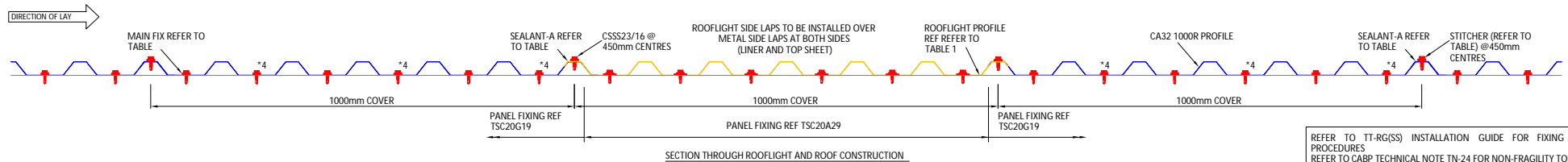
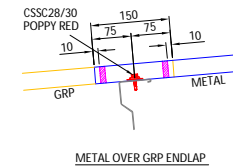
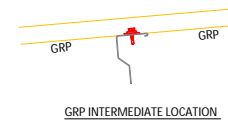
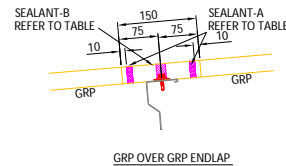
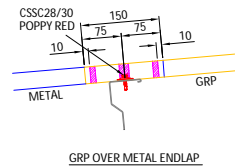
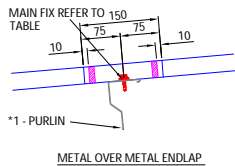
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CA BUILDINGS PRODUCTS' ROOF AND WALL CLADDING SYSTEMS TO BE INSTALLED TO SECONDARY STEELWORK IN ACCORDANCE WITH SCI PUBLICATION 'P346 - BEST PRACTICE FOR THE SPECIFICATION AND INSTALLATION OF METAL CLADDING AND SECONDARY STEELWORK'.

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.

*4 ADDITIONAL FASTENERS AT EAVES, RIDGE & EXTERNAL SHEET ENDLAPS



REFER TO TT-RG(SS) INSTALLATION GUIDE FOR FIXING & SEQUENCE PROCEDURES
 REFER TO CABP TECHNICAL NOTE TN-24 FOR NON-FRAGILITY TOLERANCES



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TITLE:
STANDARD SINGLE SKIN ROOF BUILD-UP INCLUDING ROOFLIGHTS

CA BUILDING PRODUCTS SINGLE SKIN ROOF & ROOFLIGHT SPECIFICATION

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