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Specification for steel elements

ComFlor 225 profile

Tata Steel Panels and Profiles ComFlor composite metal deck, manufactured in 1.25mm thick Tata Steel Galvalite, hot dip zinc coated steel EN 10326 – S350GD +Z275. Guaranteed minimum yield stress 350N/mm². Minimum zinc coating mass 275g/m² total both sides.

ComFlor 225 end diaphragms.

Tata Steel Panels and Profiles ComFlor 225 end diaphragms, manufactured in 1.6mm thick Tata Steel Galvalite, hot dip zinc coated steel EN 10326 – S280GD + Z275.

ComFlor 225 edge trims.

Tata Steel Panels and Profiles ComFlor 225 edge trims, manufactured in 1.6 – 2.0mm thick (depending on application) Tata Steel Galvalite, hot dip zinc coated steel EN 10326.

Asymmetric Slimflor Beams (ASB's)

Tata Steel Construction & Infrastructure ASB, manufactured in steel grade S355JR / S355J0 / S355J2 to BS EN 10025:2004, tolerances generally in accordance with BS EN 10034:1993.

Rectangular Hollow Section (RHS)

Tata Steel Celcius hot rolled rectangular hollow section in steel grade S355J2H to BS EN 10025:2004, tolerances to BS EN 10210:2006.

Rectangular Hollow Slimflor Beams (RHSFB's)

Fabricated in accordance with the National Structural Steelwork Specification for Building Construction: 5th edition CE Marking Version 2010 published by BCSA.

Advance sections

Advance sections from Tata Steel manufactured in steel grades Advance275 (sub-grades JR, JO and J2) and Advance355 (sub-grades JR, JO, J2, K2); tolerances for UKB, UKC and UKBP in accordance with BS EN 10034:1993, for UKPFC in accordance with BS EN 10279:2000, for UKA in accordance with BS EN 10056-2:1993.

Reinforcement

Manufactured in steel grades B500A / B500B / B500C to BS4449:2005+A2:2009.


Fabric reinforcement

Manufactured in accordance with BS4483:2005.

Tata Steel Trademarks

ComFlor, Galvalite, Slimflor, Celcius, Advance, UKA, UKB, UKBP, UKC, UKPFC, UKT are all trademarks of Tata Steel UK Limited.

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A	29/5/11	Company logo changed	DR	PNW
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Title				
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Project				
SLIMDEK TYPICAL DETAILS				
Drawn	DR			
Date	December 08			
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Scale	Drawing No. BS-SD225-015			



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