



## DESIGN APPRAISAL DOCUMENT

Date 21 January 2010	Quote this reference on all future communications LDSS/TA/SFS/MHE/PG
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### ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F100010

This Design Appraisal Document forms part of the Certificate.

#### APPROVAL DOCUMENTATION

Danish Institute of Fire and Security Technology (DBI), Test Report No. PG11997, Serial No. 11855, dated 21 January 2009.

#### CONDITIONS OF CERTIFICATION

1. Insulated face of the division to be exposed to the fire risk side in all cases.
2. Consisting of: 1.5mm thick profiled steel plate insulated on one side with one layer of "Rockwool HC Fire Batt 150" (50mm thick, 150kg/m<sup>3</sup> density) and one layer of "Rockwool HC Wired Matt 150" (40mm thick, 150kg/m<sup>3</sup> density) with staggered joints retained to the steel substrate with 3mm diameter welded steel pins and steel washers 28mm diameter spaced at 300mm centres. The insulation mounted in an even layer leaving no insulation at the troughs.
3. Depth of profiled plate and the structural arrangements to be separately approved by Lloyd's Register for load bearing requirements.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

#### PLACE OF PRODUCTION

Rockwool A/S Industrivej 9-11 DK-6580 Vamdrup Denmark	Rockwool A/S Øster Doense DK-9500 Hobro Denmark	Rockwool A/S Vaerlegt. 56 Postbox 55 N-1501 Moss Norway	Rockwool A/S Leangen Alle 1 Postbox 3903 N-7002 Trondheim Norway
Rockwool Limited Pencoed Bridgend CF35 6NY United Kingdom	Rockwool Polska ul. Kwaitowa 14 66-131 Cigacice Poland	Rockwool GMBH Flechtingen Calvörder Straße 19 D-39345 Flechtingen Germany	

  
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 London Design Support Services  
 Lloyd's Register EMEA

#### Supplementary Type Approval Terms and Conditions

*This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).*