

DESIGN APPRAISAL DOCUMENT

Date 8 March 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 F100069

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Danish Institute of Fire and Security Technology (DBI), Test Report No. PG11959, Serial No. 11811, dated 18 December 2008.

CONDITIONS OF CERTIFICATION

1. Insulated face of the division to be exposed to the fire risk side in all cases.
2. Consisting of: one layer of "Rockwool HC Fire Batt 150" (50mm thick, 150kg/m³ density) and one layer of "Rockwool HC Wired Matt 150" (40mm thick, 150kg/m³ density) with staggered joints retained to the steel bulkhead with 3mm diameter welded steel pins and steel washers 28mm diameter staggered and spaced at 400mm centres on steel plate and 300mm centres on steel stiffeners. The steel stiffeners were insulated with two layers of "Rockwool HC Wired Matt 150" (40mm thick, 150kg/m³ density) and strips of inserts below stiffeners of one layer of "Rockwool HC Fire Batt 150" (50mm thick, 150kg/m³ density) .
3. 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 GMBH Flechtingen Calvörder Straße 19 D-39345 Flechtingen Germany	Rockwool Limited Pencoed, Bridgend CF35 6NY United Kingdom	Rockwool Polska ul. Kwiatowa 14 66-131 Cigacice Poland	

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).

Paul Galbraith
 Lead Specialist
 Statutory Fire & Safety
 London Design Support Services
 Lloyd's Register EMEA