



CERTIFICATE OF APPROVAL

No CF 5861

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

ROCKWOOL LTD

Wern Tarw,
Pencoed,
Bridgend,
CF35 6NY
TEL: 01656 862 621

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

ROCKWOOL TCB Cavity Barriers
BS EN 1366-4: 2006 + A1 2010

TECHNICAL SCHEDULE

TS39 Fire Resisting Cavity
Barrier Systems

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 11TH March 2020
Audit Frequency: Every 3 years
Valid to: 10TH March 2025





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ROCKWOOL LTD

ROCKWOOL TCB Cavity Barriers

1. This approval relates to the use of Rockwool TCB Cavity Barriers for the fire protection of cavities within walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness, width and reference for the TCB Cavity Barriers, required to provide fire resistance periods in accordance BS EN 1366-4: 2006 + A1 2010 for up to 180 minutes integrity and 90 minutes insulation when installed vertically and horizontally.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS39
 - iii) A design appraisal against TS39
 - iv) Inspection and surveillance of factory production control
 - v) Certification of quality management system to ISO 9001: 2008
4. The substrates shall have a minimum thickness of 150 mm and have at least the same fire rating as that required for the Cavity Barrier.

Block/masonry and concrete gap faces will be within the density range of 450 to 2300kg/m³, and gap faces will be free from loose or flaking material.
5. The approval relates to on-going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Further information regarding the details contained in this data sheet may be obtained from ROCKWOOL Technical Solutions (Tel: 01656 868490 email: technical.solutions@rockwool.co.uk).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777, website: www.warringtonfire.com)

Signed
E/329

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CERTIFICATE No CF 5861
ROCKWOOL LTD

ROCKWOOL TCB Cavity Barriers – Approval Matrix EN 1366-4: 2006 + A1 2010

Joint Seals in Vertical Substrates 150 mm thick (min)					
Product Name			TCB Cavity Barrier		
Thickness of Product	Compression (Minimum)	Joint Width Range	Element of construction	Integrity (mins)	Insulation (mins)
150 mm	15 mm	50-285 mm	Aerated concrete / concrete/Masonry	60	30
150 mm	15 mm	50-285 mm	Aerated concrete / Steel	180	30
150 mm	15 mm	50-285 mm	Aerated concrete / Softwood Timber	45	45
150 mm	15 mm	50-285 mm	Aerated concrete / Rockwool RW5	120	20
Installation Technique		Compress the TCB Cavity Barrier into gap/joint to finish flush with the surface of the substrate, with a minimum compression as shown above.			
Resistance to Smoke:		Not evaluated by this approval	Weather Capability:	Not evaluated by this approval	
Acoustic Rating:		Not evaluated by this approval	Movement Capability:	Not evaluated by this approval	

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CERTIFICATE No CF 5861
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ROCKWOOL TCB Cavity Barriers – Approval Matrix EN 1366-4: 2006 + A1 2010

Joint Seals in Horizontal Substrates 150 mm thick (min)					
Product Name			TCB Cavity Barrier		
Thickness of Product	Compression (Minimum)	Joint Width Range	Element of construction	Integrity (mins)	Insulation (mins)
150 mm	15 mm	50-285 mm	Aerated concrete / concrete/Masonry	120	90
150 mm	15 mm	50-285 mm	Aerated concrete / Steel	120	20
150 mm	15 mm	50-285 mm	Aerated concrete / Softwood Timber	60	20
Installation Technique		Compress the TCB Cavity Barrier into gap/joint to finish flush with the surface of the substrate, with a minimum compression as shown above.			
Resistance to Smoke:		Not evaluated by this approval	Weather Capability:	Not evaluated by this approval	
Acoustic Rating:		Not evaluated by this approval	Movement Capability:	Not evaluated by this approval	

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