

Classification Report No. 7191175003-MEC17/B3-LGJ
dated 20 December 2017



PSB Singapore

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Add value.**

CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH EN 13501-1:2007 +A1: 2009

Sponsor :

Roxul Rockwool Insulation India Pvt Ltd
Plot Z/4, Dahej Sez
Bharuch
Gujarat 392130
India

Prepared by:

TÜV SÜD PSB Pte Ltd

Product name:

'Safe 'n' Silent Pro370' (50mm thick, 80 kg/m³) stonewool material

This classification report consists of five pages and may only be used or reproduced in its entirety.



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G

LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D

The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme. Tests/Calibrations marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our laboratory.

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TUV®



1. Introduction

This classification report defines the classification assigned 'Safe 'n' Silent Pro370' (50mm thick, 80 kg/m³) stonewool material in accordance with the procedures given in EN 13501-1: 2007+A1:2009.

2. Details of classified product

2.1. End use application

The product is 'Safe 'n' Silent Pro370' (50mm thick, 80 kg/m³) stonewool material for use for thermal and acoustic insulation.

2.2. Product description

The product is fully described in the test reports in support of this classification listed in clause 3.1

3. Test reports and results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report reference	Test method
TÜV SÜD PSB Pte Ltd	Roxul Rockwool Insulation India Pvt Ltd	7191175003-MEC17/B1-JV dated 20 Dec 2017	BS EN ISO 1716: 2010
TÜV SÜD PSB Pte Ltd	Roxul Rockwool Insulation India Pvt Ltd	7191175003-MEC17/B2-JV dated 20 Dec 2017	BS EN ISO 1182: 2010

3.2. Results

Test method	Parameters	Number of tests	Test results		
			Continuous parameters (mean values)	Compliance parameters	
BS EN ISO 1716	PCS (MJ/kg)	3	1.10	≤ 2.0	Compliant
BS EN ISO 1182	ΔT (°C)	5	8.4	≤ 30	Compliant
	Δm (%)		2.7	≤ 50	Compliant
	T _i (sec)		0	0	Compliant



4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1: 2007 +A1: 2009.

4.2. Classification

The product, 'Safe 'n' Silent Pro370' (50mm thick, 80 kg/m³) stonewool material, in relation to its reaction to fire behaviour meet the requirements to be classified as **A1**.

Therefore, the classification of the 'Safe 'n' Silent Pro370' (50mm thick, 80 kg/m³) stonewool material in accordance with BS EN 13501-1: 2007 +A1:2009 is:

Reaction to fire classification: A1

Vik Singh



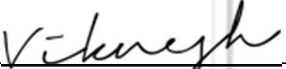
4.3. End use application and product parameter

The classification in clause 4.2 only applies to the product described in clause 2 of this report and is only valid for the following parameters and applications:


- Thermal & Acoustic Insulation

5.0 Limitation

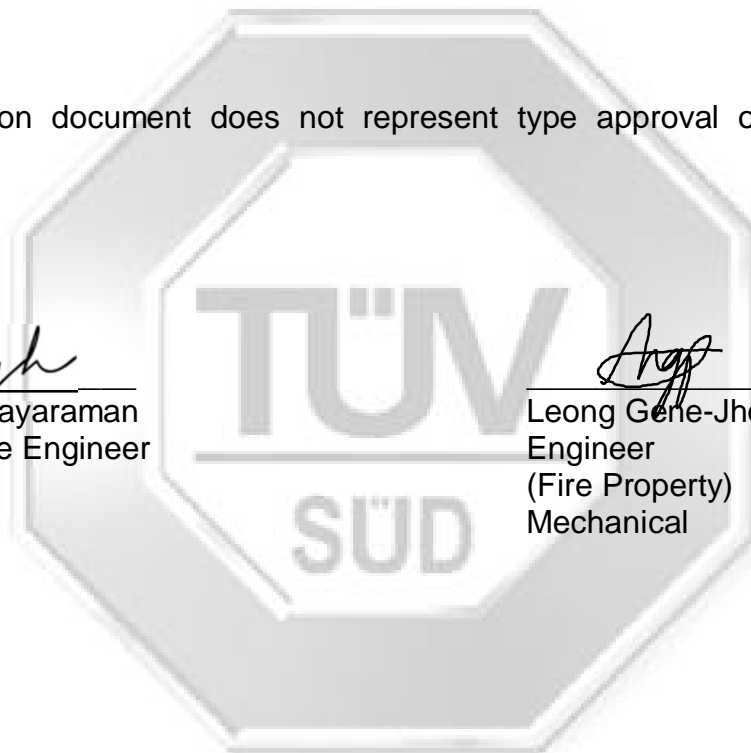
This classification document does not represent type approval or certification of the product.



Vikneshwaran Jayaraman
Higher Associate Engineer



Leong Gene-Jhou
Engineer
(Fire Property)
Mechanical





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July 2011

