



Declaration of Performance

DoP no: SHERA-QA 012/2024

1. Unique identification code of the product-type: **SHERA Fiber Cement**
2. Product identification: **Non Asbestos Fiber Cement Flat Sheet Reinforced with Cellulose Fiber**
3. Intended use of product:
 - o **3.2, 3.5, 4, 4.5, 6, 8, 9, 10, 12, 15, 16, 18, 20 mm thickness for Ceiling, Wall, Floor Applications**
4. Manufacturer: **SHERA - 59 Moo 12 Saraburi-Lomsak Rd., Km 16, Chongsarika, Lopburi 15220, Thailand**
5. Representative: **Not applicable.**
6. System or systems: **AVCP - System 3 (Reaction to Fire Classification)**
AVCP - System 3 (Physical Properties and Durability)- 8 and 9 mm
AVCP - System 4 (Other Essential Characteristics)
7. Notified body: **Institute for testing and certification (NB 1023), RINA Service S.p.A (NB 0474)**
8. Technical Assessment Body: **Not applicable.**

Harmonised Standard:

Physical and Durability Properties: EN12467+A2:2020
Reaction to Fire Classification: EN 13501-1:2018

Product Classification: Category A

Sheets which are intended for applications where they may be subjected to heat, high moisture and severe frost.

9. Declared performance:

Essential Characteristics	Standard	Unit	Requirement	Performance
a) Physical Properties				
Thickness Variation (3.2, 3.5, 4, 4.5, 6, 8 mm.)	EN12467	%	+10%	Pass
Thickness Variation (9, 10, 12, 15, 16, 18, 20 mm.)	EN12467	%	+6%	Pass
Density (3.2, 3.5, 4, 4.5, 6, 8, 9, 10, 12, 15, 16, 18, 20 mm)	EN12467	kg/m ³	1350±50	Pass
Flexural Strength (Wet-avg.)	EN12467	MPa	>7	Pass
Water Impermeability	EN12467	-	No water drop	Pass
b) Durability Properties				
			Requirement	Result
Freeze / Thaw Resistance	EN12467	-	≥0.75	Pass
Warm Water Resistance	EN12467	-	≥0.75	Pass
Heat / Rain Resistance	EN12467	-	No Cracks or structural alteration	Pass
Soak / Dry Resistance	EN12467	-	≥0.75	Pass
c) Fire Properties				
				Result
Reaction to Fire Classification	EN13501-1			A1

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 4.

Name: Rungroj Rangyai
Function: Quality Assurance Manager
Location: Lopburi, Thailand
Date: 29th April 2024

Signature: