

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality
hereby attests that the product(s)

Solar Collector

(Details as per the attached Scope of Certification)

manufactured by:

CMG SOLARI SRL

Contrada Vore 1, Zona Industriale, 73040 Melissano LE, Italy

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS EN 12975-1:2006 +A1: 2010

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark on the above-mentioned product(s).



for / ENGR. AMIN AHMED AMIN
Director, Dubai Central Laboratory Department
Dubai Municipality



Certificate No: CL16020402
Valid Until: 02/11/2021



Current Issue Date: 03/11/2020
Original Issue Date: 03/11/2016



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020402

Certificate Issued To:	CMG SOLARI SRL Contrada Vore 1, Zona Industriale, 73040 Melissano LE, Italy
Applicable Standard Specification:	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
Applicable Specific Rules:	DM-DCLD-RD-DP21-2178 (IC) – Specific Rules Certification of Solar Collectors as per BS EN 12975-1 Through Factory Assessment DM-DCLD-RD-DP21-2084 (IC) – Guidelines for Factory Production control Plan for Solar Collector Manufacturers

PRODUCT DESCRIPTION	BRAND NAME(S) / MODEL(S)	PRODUCT DETAILS
<p><u>Glazed Flat Plate Collector</u> <u>EVO family</u></p> <p>Absorber materials: Vertical copper harp, laser-welded on aluminum full plate BLUE SELETTIVO MIROTHERM ALANOD Selective with 0.4 mm thickness, 0.95±0.02 Absorptance and 0.05±0.02 hemispherical emittance, 8mm riser copper tubes joint with 22mm header copper tubes;</p> <p>Upper cover: Tempered, mistelite, low iron glass 4 mm Thickness</p> <p>Insulation: Ecological glass wool with density of 30 kg/m³, thermal conductivity of 0.035 W/(m K) thickness of 30 mm (Bottom) and 15 mm (Wall)</p> <p>Frame: Anodized aluminum profile with 1 mm thickness and with holes for condensation drain. Back cover in aluminum with 0.4 mm thickness; Silicone for sealing materials</p>	<p>“CMG SOLARI” Brand</p> <p>EVO 2000</p>	<p>Gross Area of 2.02 m²; Aperture Area of 1.83 m²; Absorber Area of 1.81 m²; Gross Dimensions: 2006 x 1007 x 85 mm Weight (dry & packed): 30 kg; Heat Carrier Volume: 1,5 Liters Absorber Pipe dimensions Header: 22x0.7mm header copper tubes Risers: 8x0.4mm copper tubes; Number of tube: 8 Tube Pitch: 100 mm Maximum operating pressure: 1.0 MPa Test pressure: 1,6 MPa Nominal Flow rate: 72 lt/h Maximum Stagnation temperature: 199 °C Vertical position Inroof-onroof-flat roof mounting</p>
	<p>“CMG SOLARI” Brand</p> <p>EVO 2500</p>	<p>Gross Area of 2.53 m²; Aperture Area of 2.31 m²; Absorber Area of 2.30 m²; Gross Dimensions: 2008 x 1258 x 85 mm Weight (dry & packed): 38 kg;</p>

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		<p>Heat Carrier Volume: 1,9 Liters Absorber Pipe dimensions Header: 22x0.7mm header copper tubes Risers: 8x0.4mm copper tubes; Number of tube: 11 Tube Pitch: 100 mm Maximum operating pressure: 1.0 MPa Test pressure: 1,6 MPa Nominal Flow rate: 72 lt/h Maximum Stagnation temperature: 199 °C Vertical position Inroof-onroof-flat roof mounting</p>
	<p>"CMG SOLARI" Brand EVO 2500 H</p>	<p>Gross Area of 2.53 m²; Aperture Area of 2.31 m²; Absorber Area of 2.30 m²; Gross Dimensions: 1258 x 2008 x 85 mm Weight (dry & packed): 38 kg; Heat Carrier Volume: 2,4 Liters Absorber Pipe dimensions Header: 22x0.7mm header copper tubes Risers: 8x0.4mm copper tubes; Number of tube: 17 Tube Pitch: 100 mm Maximum operating pressure: 1.0 MPa Test pressure: 1,6 MPa Nominal Flow rate: 72 lt/h Maximum Stagnation temperature: 199 °C Horizontal position Inroof-onroof-flat roof mounting</p>

NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE2: The above product shall bear the DCL Conformity Mark.

Original Issue Date : 03 November 2016

Current Issue Date : 03 November 2020

Valid Until : 02 November 2021



ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department