

# 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:

**CORDIVARI S.R.L.**

**Z.I. Pagliare, Moro D'Oro, Teramo, 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: CL18020584  
Valid Until: 09/05/2021



Current Issue Date: 10/05/2020  
Original Issue Date: 10/05/2018

The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.  
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DUBAI CENTRAL LABORATORY DEPARTMENT  
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION  
FOR CERTIFICATE NO. CL18020584**

<b>Certificate Issued To:</b>	CORDIVARI S.R.L. Z.I. Pagliare, Moro D'Oro, Teramo, Italy
<b>Applicable Standard Specification:</b>	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
<b>Applicable Specific Rules:</b>	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

S/N	PRODUCT DESCRIPTION	BRAND NAME(S) / MODEL(S)	PRODUCT DETAILS
1.	<p>FLAT PANEL TYPE SOLAR COLLECTOR</p> <p>Absorber Materials: Aluminium Absorber Fins (Blue absorber-selective) laser welded into copper tubes; Tempered, Mislite, Low Iron Glass 4mm &amp; 3.2mm thickness top cover; Glasswool thermal insulation with density of 30 kg/m<sup>3</sup>, thermal conductivity of 0.035 W/(m.K) and thickness of 30mm for back insulation; And Glasswool thermal insulation with density of 30 kg/m<sup>3</sup>, thermal conductivity of 0.035 W/(m.K) and thickness of 15mm for side insulation;</p>	<p>“CORDIVARI” Brand</p> <p>PAN 2.5</p>	<p>Overall area of 2.52 m<sup>2</sup>; absorber area of 2.33 m<sup>2</sup>; Gross dimensions: 2006 x 1257 x 85 mm; Weight (dry &amp; packed): 34 kg; Absorber volume capacity: 1.9 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 11 and in horizontal position is 17; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 199 °C; Vertical position</p>

DUBAI CENTRAL LABORATORY DEPARTMENT  
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	Frame structure made of Anodized Aluminium with 1mm thickness and 0.4 Aluminium back cover; Double sided tape, silicone, EPDM sealing materials; Anti-freeze (Propylene Glycol) & water mixture	<b>PAN 2.0</b>	Overall area of 2.02 m <sup>2</sup> ; absorber area of 1.83 m <sup>2</sup> ; Gross dimensions: 2006 x 1007 x 85 mm; Weight (dry & packed): 27 kg; Absorber volume capacity: 1.6 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers - 8 x 0.4mm Number of risers in vertical position is 8; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 199 °C; Vertical position
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**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** : 10 May 2018

**Current Issue Date** : 10 May 2020

**Valid Until** : 09 May 2021



ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager  
Dubai Central Laboratory Department