

# CERTIFICATE

The company

**Roth Werke GmbH**

Am Seerain  
35232 Dautphetal  
GERMANY

with its production site in

**002**

hereby receives the confirmation that the product/s

**Solar collectors**

of the type

**R 1**

conforms to

**DIN EN 12975-1:2006-06**

**DIN EN 12975-2:2006-06**

**Specific CEN KEYMARK Scheme Rules for Solar Thermal Products**

and is granted the licence to use the marks



in conjunction with the Registration No. below.

**Registration No.: 011-7S138 R**

**This certificate remains valid as long as the required surveillance conditions will be passed with a positive result for the assessment.**

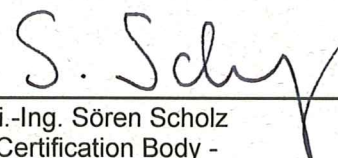
See annex for further information.

DIN CERTCO Gesellschaft für  
Konformitätsbewertung mbH  
Alboinstraße 56, 12103 Berlin



2007-01-29

Dipl.-Ing. Dipl.-Wi.-Ing. Sören Scholz  
- Acting Head of Certification Body -



## **Annex**

to the Certificate with Registration No. 011-7S138 R, dated 2007-01-29

### **Technical data**

See data sheet, part of the test report of 2007-01-25

Note(s):

- The freeze resistance test according to DIN EN 12975-2, clause 5.8 was not necessary. According to the manufacturer's declaration, the certified solar collectors may be used in frost exposed areas only in combination with appropriate frost protection mixtures.
- The mechanical load test according to DIN EN 12975-2, clause 5.9 is not applicable for tube collectors.
- The optional impact resistance test according to DIN EN 12975-2, clause 5.10 was not carried out.

### **Testing laboratory / Inspection body**

Fraunhofer Institut für  
Solare Energiesysteme (ISE)  
Therm. Anlagen u. Komponenten  
Heidenhofstr. 2  
79110 Freiburg

### **Test report(s)**

KTB No. 2006-43-a-en dated 2007-01-25