



EN 13956

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DECLARATION OF PERFORMANCE

Sarnafil® TCS-20

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1. Product Type:

Unique identification code of the product-type:

Sarnafil® T

2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

TCS-20 (lot no. see label and product)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Polyester reinforced multi-layer, synthetic roof waterproofing sheet based on premium-quality plastic compound according to EN 13956.

Roof waterproofing membrane for exposed mechanically fastened flat roof systems.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Sarnafil®

**Sika Supply Center AG
Industriestrasse 26
6060 Sarnen
Switzerland**

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not relevant (see 4)

6. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

System 2+

7. Notified body (hEN):

In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

1213

Notified factory production control certification body No. 1213, SKZ performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control (FPC) 4854.

Declaration of Performance



8. Notified body (ETA):

In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

Not relevant (see 7)

9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Water tightness	Pass	EN 1928	EN 13956: 2012
External fire performance Part 1-4	BROOF (t1) < 20°	EN 13501-5	
Reaction to fire	Class E	EN ISO 11925-2, classification to EN 13501-1	
Joint peel resistance	≥ 200 N/50 mm	EN 12316-2	
Joint shear resistance	≥ 500 N/50 mm	EN 12317-2	
Tensile strength longitudinal (md) ¹⁾ transversal (cmd) ²⁾	≥ 900 N/50 mm ≥ 900 N/50 mm	EN 12311-2	
Elongation longitudinal (md) ¹⁾ transversal (cmd) ²⁾	≥ 13 % ≥ 13 %	EN 12311-2	
Tear strength longitudinal (md) ¹⁾ transversal (cmd) ²⁾	≥ 250 N ≥ 250 N	EN 12310-2	
Foldability at low temperature	≤ -40 °C	EN 495-5	
UV exposure	Pass (> 5000 h / grade 0)	EN 1297	

- 1) md =machine direction
 2) cmd =cross machine direction



10. Declaration

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Andreas Roller
Head Corporate Product Engineer Membranes



Koichi Oba
Head Corporate Target Market Roofing

Sarnen, February 2013

Ecology, Health and Safety Information (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. **A safety data sheet** following article 31 of the same regulation **is not needed** to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet.

Based on our current knowledge, this product does **not contain SVHC (substances of very high concern)** as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



For Further Information:
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