

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

## Stamisol Safe One (SF400)

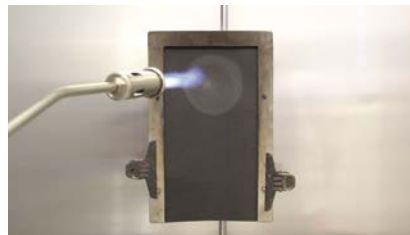
### Description of Product

Stamisol Safe One (SF400) is a non-combustible façade breather membrane for high rise buildings that also assists in the prevention of fires spreading in the rear-ventilated section of a curtain façade.

It is a high performance vapour permeable walling underlay for curtain facades with up to 50 mm joints or cladding with an open area of up to 50%.

The membrane is made with a breathable coating made of reinforced glass fabric. It offers high resistance to ultra violet rays and harsh weather conditions with a 10 year guarantee.

It comes part of an all-in-one system that consists of a facade membrane, a coordinated bonding system and accessories for the architectural detailing, it has friendly installation due to low weight, and is easy to clean with a scratch resistant surface.



### Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

### Validity

This certificate was first issued on 7<sup>th</sup> October 2019 and is valid until 7<sup>th</sup> October 2020

Issue Dated 7<sup>th</sup> October 2019

## Scope of Registration

Stamisol Safe One (SF400) is a non-combustible breathable facade membrane that assists with the prevention of fire spreading in the rear-ventilated section of a curtain façade. It is fire tested in accordance with EN 13501-1 and has a fire rating of A2-s1,d0.

The membrane is installed in the same manner as a traditional breather membrane, however it should be installed by a competent person who is familiar with the product and has experience.

Due to the fire resistant properties the membrane is suited for buildings which pose a higher risk for fire safety. Examples are; hospitals, care homes, rehabilitation centres, schools, public buildings and high rise buildings.

Installation must follow the manufacturer's specifications and must be secured with fixings that are appropriate for the substrate.

The membrane should be detailed around openings and penetrations, also any repairs should be carried out in accordance with the manufacturer's specification and only using the approved coordinated bonding system and accessories from the architectural detailing products from Serge Ferrari. This will ensure adequate weather proofing and sealing of the building envelope with maximum fire safety.

The vapour permeable wall membrane is suitable for all wall applications where open jointed cladding is installed, it will not only resist fire spread but also protects the structure underneath from the risk of condensation and keeps the insulation intact and performing to an optimum.

| Property  | Test Method                          | Mean Results             |
|---|--------------------------------------|--------------------------|
| Roll Size   |                                      | 2.65m x 20m              |
| Weight  |                                      | 310 g/m <sup>2</sup>     |
| Water Resistance  | EN ISO 20811                         | >300cm                   |
| Tensile Strength <ul style="list-style-type: none"> <li>• Before aging process</li> <li>• After ageing 90 days at 70°C and 5000 hours under UV</li> </ul>         | 1400/1400 N/5 cm<br>1300/1300 N/5 cm | EN 13859-2<br>EN 12311-1 |
| Resistance to water penetration <ul style="list-style-type: none"> <li>• Before ageing</li> <li>• After ageing 90 days at 70°C and 5000 hours under UV</li> </ul> | EN 13859/2<br>EN 1928                | W1<br>W1                 |
| Nail Tear Resistance (length/cross)   | EN 12310-1                           | (170/170N)               |
| Cold Bending Behaviour  | EN 1109                              | - 30°C                   |
| Temperature Resistance  |                                      | - 40°C/+ 250°C           |
| Reaction to Fire  | EN 13501-1                           | A2-s1,d0                 |

LABC consider that, Stamisol Safe One (SF400) will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



## The Building Regulations 2010 (as amended) England & Wales

|              |  |
|--------------|--|
| Regulation 7 | Materials and Workmanship  |
| Note:        | Subject to the Scope of Registration and Conditions of Certificate.    |
| AD B         | Fire Safety  |
| Note:        | The product can contribute to meeting this requirement.                |
| AD C         | Resistance to Moisture   |
| Note:        | Subject to the Scope of Registration.                                  |
| AD L1A       | Conservation of fuel & power - New Dwellings                           |
| Note:        | The product can contribute to meeting this requirement.                |
| AD L1B       | Conservation of fuel & power - Existing Dwellings                      |
| Note:        | The product can contribute to meeting this requirement.                |
| AD L2A       | Conservation of fuel & power - New Buildings other than Dwellings      |
| Note:        | The product can contribute to meeting this requirement.                |
| AD L2B       | Conservation of fuel & power - Existing Dwellings other than Dwellings |
| Note:        | The product can contribute to meeting this requirement.                |



## The Building Regulations 2010 (as amended) England

None presently.



## The Building Regulations 2010 (as amended) Wales

None presently.



## The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at [www.labss.org](http://www.labss.org)

## Non-Regulatory Information



### LABC Warranty

Pending assessment.

## Supporting Documentation

Declaration of Performance Certificate (ce-zertifikat-stamisol-safe-one-2019)

Declaration of Performance Certificate No SF400-v1 (dop-stamisol-safe-one-gb-it)

Stamisol Safe One Specification (musterkarte-stamisol-safeone-gb-it-web)

Stamisol Safety Data Sheet No 1907/2006, Annex II version 01/03/2018 /0001

(sdb-stamcoll-safe-gb)

Serge Ferrari 10yr warranty certificate

Installation instructions

Test report No. PB – Hoch 180609-2

Test report No. PB – Hoch 180610-2

## Contact Information

AKH Services Ltd

31 Gladwin Road

Colchester

CO2 7HW

Tel: 07595 777579

Email: [akhservices14@gmail.com](mailto:akhservices14@gmail.com)

Website: [www.stamisol.com](http://www.stamisol.com)