

CERTIFICATE

Sto SE & Co. KGaA
79780 Stühlingen, Germany

is granted the right, on the basis of the contract on the use of the environmental label no. 39163 based on DE-UZ 140 Edition 2019, for the product

StoTherm Classic[®] L & MW

to use the Blue Angel Ecolabel shown below as a sign of special environmental friendliness.



Bonn, 15 December 2022

R. Wollmann

Managing Director
RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz, nukleare Sicherheit
und Verbraucherschutz

Umwelt
Bundesamt



RAL
gGmbH

Annex 2 to the contract according to DE-UZ 140

Ecolabel for "thermal insulation systems"

Information on the representation of the ETIC systems on the website of the Blue Angel and the manufacturer

Presentation of the individual ETIC systems

The award-winning ETIC systems are published on the Blue Angel websites under the company names of the distributors in alphabetical order.

The system components of the thermal insulation composite system are listed in the appendix to the contract. This appendix is also published (as a PDF file) on the Blue Angel pages and can be downloaded.

The distributor also publishes this PDF on its website in connection with the Blue Angel logo.

Content of the annex to the contract (PDF document)

The following table shows the system components of the thermal insulation system that has been awarded the Blue Angel. All components provided for by the building authorities as well as all permissible additional components (coatings) as a system must meet the criteria of the Blue Angel. The top coats that can be combined with the system and recommended by the manufacturer, the approval, ETA and / or type approval numbers and further information on the products and their application must also be given here.

Name of the ETIC system	StoTherm Classic L_MW
Insulating material*	Insulating type
Sto-Stone Wool Insulation Board (all types, plate thickness from 140mm) S-P-01848; S-P-04254; S-P-02948; EPD-FMI-20210019-IBG1-DE; EPD-FMI-20210020-IBG1-DE; NEPD-2734-144-EN Sto-Speed Lamella Type II (plate thickness from 164mm) https://www.sto.de/s/p/a1F2p00000NwG41EAF/stospeed-lamella-type-ii EPD-FMI-20210019-IBG1-DE; EPD-S-P-02948; EPD-FMI-20210020-IBG1-DE Sto-Speed Lamella Typ II plus (plate thickness from 160mm) https://www.sto.de/s/p/a1F2p00000NwG8EEAV/stospeed-lamella-type-ii-plus NEPD-2743-1440-EN	Mineral wool
Adhesive/reinforcing plaster**	Plaster type
StoColl Mineral HP; density 1,3 g/cm ³ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivF5EAJ/stocoll-mineral-hp EPD-DBC-20220217-IBF1-EN	Mineral adhesive
StoLevell Duo plus QS; W-value C ≤ 0,20kg/(m ² *min0,5); density 1,3 g/cm ³ SDS, TDS: https://www.sto.de/s/p/a1F2p00000Piv3REAR/stolevell-duo-plus-qz EPD-IWM-20190156-IBG1-DE	Mineral adhesive
Sto-ADH-B; density 1,5 g/cm ³ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivAwEAJ/stoadhb EPD-IWM-20190154-IBG1-DE	Mineral adhesive
StoLevell FT; layer thickness 3-5mm; W-value C ≤ 0,20 kg/(m ² *min0,5); density 1,4 g/cm ³ SDS, TDS: https://www.sto.de/s/p/a1F2p00000Piv8QEAR/stolevell-ft EPD-IWM-20190156-IBG1-DE	Mineral adhesive
	Mineral adhesive

<p>StoLevell Combi plus; layer thickness at least 4mm; W-value $C \leq 0,20 \text{ kg}/(\text{m}^2 \cdot \text{min}0,5)$; density $1,4 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivDDEAZ/stolevell-combi-plus EPD-IWM-20190156-IBG1-DE</p> <p>StoLevell Duo; layer thickness at least 3mm; W-Wert $C \leq 0,40 \text{ kg}/(\text{m}^2 \cdot \text{min}0,5)$; density $1,4 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000NwG48EAF/stolevell-duo EPD-IWM-20190156-IBG1-DE</p> <p>StoLevell Duo plus; layer thickness at least 3mm; W-Wert $C \leq 0,20 \text{ kg}/(\text{m}^2 \cdot \text{min}0,5)$; density $1,3 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivC3EAJ/stolevell-duo-plus EPD-IWM-20190155-IBG1-DE</p> <p>StoLevell Novo; layer thickness at least 5mm; W-Wert $C \leq 0,20 \text{ kg}/(\text{m}^2 \cdot \text{min}0,5)$; density $0,9 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000Piv9wEAB/stolevell-novo EPD-IWM-20190155-IBG1-DE</p> <p>StoLevell Uni; layer thickness at least 3mm; W-Wert $C \leq 0,20 \text{ kg}/(\text{m}^2 \cdot \text{min}0,5)$; density $1,4 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivBnEAJ/stolevell-uni EPD-IWM-20190155-IBG1-DE</p> <p>StoArmat Classic plus; W-value $< 0,05 \text{ kg}/(\text{m}^2 \cdot \text{h}0,5)$; density $1,4 - 1,6 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.at/s/p/a1F2p00000PLUAgEAP/stoarmat-classic-plus-fg EPD-VDL-20190053-IBG1-DE</p>	<p>Mineral adhesive</p> <p>Mineral adhesive</p> <p>Mineral adhesive</p> <p>Mineral adhesive</p> <p>Organic plaster</p>
Finishing plaster***	Plaster type
<p>StoNivellit; layer thickness 1 mm per shift; W-Wert $< 0,1 \text{ kg}/(\text{m}^2 \cdot \text{h}0,5)$; density $1,6 - 1,8 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivBCEAZ/stonivellit EPD-VDL-20190056-IBG1-DE</p> <p>StoSilco blue K/MP; layer thickness 1-3 mm; W-Wert $< 0,05 \text{ kg}/(\text{m}^2 \cdot \text{h}0,5)$; density $1,7 - 1,9 \text{ g}/\text{cm}^3$ SDS, TDS: https://www.sto.de/s/p/a1F2p00000NwG7cEAF/stosilco-blue-kmp EPD-VDL-20190054-IBG1-DE</p>	<p>Organic plaster</p> <p>Silicone resin plaster</p>
Finishing coats that are part of the system in terms of building authorities	Product type
Trade name of the distributor	e.g. brick slips
Additional components (dowels, rails, reinforcement mesh, etc.) that are part of the system	Product type
Trade name of the distributor	e.g. reinforcement fabric
Finishing coats**** that can be used with the system	Paint type
<p>Lotusan (StoColor Lotusan); SDS, TDS: https://www.sto.de/s/p/a1F2p00000NwG4JEAV/lotusan EPD-VDL-20190083-IBG1-DE</p> <p>StoColor Solical SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivEJEAZ/stocolor-solical EPD-VDL-20190083-IBG1-DE</p> <p>StoColor Sil SDS, TDS: https://www.sto.de/s/p/a1F2p00000PivACEAZ/stocolor-sil EPD-VDL-20190083-IBG1-DE</p>	<p>Lotus-Effect Technology</p> <p>Silicate silica sol base</p> <p>Silicate base</p>

Further information	
Number(s) of the associated European Technical Assessment, general technical approval and/or general type approval	ETA-07/0088 ETA-09/0288 ETA-12/0533 AbZ 33.43-61 AbZ.33.44-134
Product description: Title of the technical data sheets or brochures, Internet link or indication of where these can be obtained	See links under the respective system components
Notes on carrying out the work: Internet link or information on where this can be obtained [corresponds to the information required under point 3.4 of the award criteria]	See links under the respective system components In addition: StoTherm Classic processing guideline
Notes on maintenance and care: Internet link or information where these can be obtained [corresponds to part of the information required under point 3.5 of the award criteria]	See links under the respective system components
Information on where to find the life cycle assessment parameters: Internet link or information on where these can be obtained [corresponds to the information required under point 3.3 of the award criteria]	EPD – Umweltdeklaration Sto

* In the case of insulating materials, next to the name in brackets, state the material, the WLG and the insulating material thickness from which the required thermal insulation is maintained.

** In the case of adhesive and reinforcing compounds, state the binder in brackets next to the name.

*** In the case of plasters, indicate the binder next to the name in brackets (lime-cement plaster, silicate plaster, silicone resin plaster, dispersion plaster, others).

**** In the case of coatings / colors, indicate the binder in brackets next to the name (silicate paint, silicone resin paint, emulsion paint, other)