CreaGlas fiberglass textile wall covering system

CreaGlas Gewebe-System

CreaGlas fiberglass textile wall covering in diverse types and patterns, properties, application, wall covering system

System characteristics

The CreaGlas fiberglass textile wall covering system offers diverse design options through the combination of different fiber types and patterns, with a great number of finish coatings which can be applied to them.

CreaGlas fiberglass textile wall covering Profession
- fiberglass textile wall covering in classical structures

CreaGlas fiberglass textile wall covering VG
- fiberglass textile wall covering pre-coated with a pigmented primer

CreaGlas fiberglass textile wall covering VG K
- fiberglass textile wall covering pre-coated with a pigmented primer and water-activated adhesive layer

CreaGlas fiberglass textile wall covering Art-Line
- fiberglass textile wall covering in imaginative structures

CreaGlas fiberglass textile wall covering CI-Plus
- fiberglass textile wall covering, individually produced according to customer preference

All types of fiber consist of particularly high-quality, hard-wearing, pure mineral fiberglass textile wall covering, with particularly uniform structure and they are
- dimensionally-stable
- good shift stability
- high moisture-stability
- does not swell
- crack-covering
- rot-resistant.

In addition, they meet the requirements of the ÖcoTex Standards 100, Product Class I, in accordance with Test certificate No. 03.0.8420.
Depending on the coating system, the CreaGlas fiber system has further exceptional properties:
- alcohol-resistant
- diffusible
- moisture-stable
- high mechanical load resistance
- wet abrasion resistance Class 2 or 1, in accordance with DIN EN 13 300 (scrubable in accordance with DIN 53 778)
- disinfectant resistant in accordance with DIN 53 168
- can be decontaminated in accordance with DIN 25 415
- low inflammable B1 in accordance with DIN 4102
- non-inflammable A2 in accordance with DIN 4102

Field of application

For decorative, highly hard-wearing interior wall and ceiling coverings. With diverse surface optics structured from fine to coarse, completely-matt to bright, white or coloured. In addition, CreaGlas fiber can also be structured individually with a great number of Creativ techniques.
For using in offices and households, hotels, restaurants, museums, hospitals, schools, child care centres etc.
Especially suitable for highly-loaded areas, such as entrance areas, corridors, staircases, sanitary areas, recreation rooms.

A precise classification of the properties and fields of application of CreaGlas fiber system is specified in the tables below.

System structure

Surface Preparation
The substrate has to be even, firm, dry, clean, load-bearing, and free from efflorescence, sintered layers and separating agents. Check existing coatings for load-bearing properties. Completely remove non-load-bearing coatings, wallpapers, etc. As required, use Lacryl Deep Penetrating Primer ELF 595 or Solvent Deep Penetrating Primer 545 for priming. Use Adhesion Primer LF 3720 to prime non-absorbing or weakly absorbing substrates. Use Handplaster LF 1884 to smoothen rough surface, if and when required. Also refer to BFS leaflets no. 7, 10 and 16 as well as Paragraph 3 of both VOB Part C, DIN 18 363 and 18 366.

Adhesion
Use CreaGlas Fiber Adhesive ELF 377, CreaGlas Roll-On Adhesive ELF 378 or Reinforcement 480 to stick the CreaGlas fiber. The choice of the adhesive depends on the field of application and the requested system properties.
CreaGlas fiberglass textile wall covering VG K with the water activated layer of adhesive on the rear can be applied without additional application of adhesive. In this case, please take notice of the information in Data Sheet cg22.
In order to prevent differences in structure do not ever turn over or change sides when sticking. In this case, please observe the vertical blue or green marking strip on the rear side of the fiber and the sketch on the packaging.
CreaGlass fiber designs with larger repeats have been provided with a horizontal marking thread weaved in at the height of the start of the pattern for easier application. The auxiliary marks are easily covered by the coating.
In the case of connected surfaces, only use fabric with the same serial number (label on outside of box).
All designs of CreaGlas types of fiber can be processed with the paper plastering machine with the exception of few fine and open structures. Use CreaGlas Fiber Adhesive ELF 377, diluted with water, and take notice of the detailed application information in Data Sheet 377.

Coating
As a matter of principle, the outside of CreaGlas fiber must be covered with paint.
Depending on the requirements on the surfaces and the requested system properties, the following coating can be used:
- CreaGlas Fiber Finish ELF
  3476 dull matt
  3499 silk matt
- CreaGlas
  Single Coat Finish ELF
  3474 silky gloss
- Sensocryl ELF
  266 dull matt
  267 silk matt
  268 silky gloss
  269 glossy
- CreaGlas two-component-Acryl Coating
  3470 glossy
  3471 silky gloss

Test certificates and expert opinions

Low inflammability B1 according to German standard DIN 4102
CreaGlas fiber, stuck with CreaGlas Fiber Adhesive ELF 377 or CreaGlas Roll-On Adhesive ELF 378 has a low inflammability in conjunction with:
- CreaGlas Fiber-Finish ELF
- Super Latex ELF 3000
- Sensocryl ELF
- CreaGlas two-component-Acryl Coating

in accordance with the general building inspection test certificate No. P-BWU03-I-16.5.144.

Non-flammable A2 according to German standard DIN 4102
CreaGlas fiber, stuck with CreaGlas Fiber Adhesive ELF 377 or CreaGlas Roll-On Adhesive ELF 378 is non-inflammable in conjunction with:
- CreaGlas Fiber Finish ELF
- Super Latex ELF 3000

In accordance with the general building inspection permit No. Z-PA-III 4.161.

Resistant to disinfectants in conformity with German standard DIN 53168
CreaGlas fiber is resistant to disinfectants with the following final coats:
- CreaGlas Fiber Finish ELF 3499 in accordance with test report No. B-463/97
- Sensocryl ELF in accordance with test report No.B-302/05,
- CreaGlas two-component-Acryl Coating in accordance with test report No. B-5477/93.

Decontamination in accordance with German standard DIN 25415-1
CreaGlas fiber can be decontaminated when the following final coats are applied:
- CreaGlas two-component-Acryl Coating in accordance with test report No. 52 1230 0 93.

System structure with CreaGlas fiber

System structure	Adhesive*	Coating	Properties
1	CreaGlas Fiber Adhesive ELF 377 or CreaGlas Roll-On Adhesive ELF 378	CreaGlas Fiber Finish ELF 3476	• solvent and plasticizer free • resistance to wet abrasion Class 2 • non-inflammable A2 • low inflammable B1 • diffusible
		Super Latex ELF 3000	
		CreaGlas Fiber Finish ELF 3499	• solvent and plasticizer free • resistance to wet abrasion Class 2 • non-inflammable A2 • low inflammable B1 • disinfecting agent resistant • diffusible • easy to clean
2	CreaGlas Fiber Adhesive ELF 377 or CreaGlas Roll-On Adhesive ELF 378	Sensocryl ELF 266, 267, 268 or 269	• solvent and plasticizer free • resistance to wet abrasion Class 1 • low inflammable B1 • disinfecting agent resistant • stability to moisture [1)] • diffusible • easy to clean [2)]
3	CreaGlas Fiber Adhesive ELF 377 or CreaGlas Roll-On Adhesive ELF 378	CreaGlas 2C-Acryl Coating 3471	• resistance to wet abrasion Class 1 • low inflammable B1 • disinfecting agent resistant • can be decontaminated • mechanically loadable • stability to moisture [1)] • resistant to alcohol • very easy to clean
4	Reinforcement Adhesive 480	CreaGlas 2C-Acryl Coating 3471	• resistance to wet abrasion Class 1 • disinfecting agent resistant • can be decontaminated • mechanically loadable • high stability to moisture [1)] • resistant to alcohol • very easy to clean

* CreaGlas fiberglass textile wall covering VG K is stuck by wetting the layer of water-activatable adhesive on the rear side, and can be used in the system structures 1, 2 and 3.

[1)] In the case of direct exposure to spray water and prolonged exposure to moisture, use of glass-fiber systems is generally not recommended.

[2)] Applies to a system structure with a silky gloss or glossy finish.

Recommended system structure listed according to field of application

Fields of application	System structure			
	1	2	3	4
Office and private rooms				
Offices	•	••		
Corridors / staircases	•	••		
Bedrooms and living rooms	••	•		
Games and hobby rooms	•	••		
WCs / bathrooms / wash room units [1)]		•	•	••
Kindergartens, schools				
Corridors / staircases	•	••		
Class rooms / group rooms	•	••		
Laboratories		•	••	••
Teachers' rooms	•	••		
Teaching media rooms / archives	••	••		
Toilets / washrooms [1)]		•	••	••
Hotels / restaurants / museums				
Storerooms	••	•		
Common rooms	•	••		
Reception halls	•	••	•	
Escape route areas	••	•		
Restaurants / bars	•	•	••	•
Exhibition rooms	•	••		
Hotel rooms	•	••		
Hospitals, sanatoriums				
Common rooms	•	••		
Baths / showers [1)]		•	•	••
Consultation rooms		••	••	•
Bed areas	•	••	•	
Corridors / staircases	•	••		
Kitchen areas / canteens	•	••	••	
Operating theatres			••	••
Public and waiting rooms	•	••	•	
Radiology / laboratories			••	••
Toilets / washrooms [1)]		•	••	••

•• = especially recommended

• = recommended

[1)] In the case of direct exposure to spray water and prolonged exposure to moisture, use of glass glass-fiber systems is generally not recommended.

Properties listed according to system structure

Properties	System structure			
	1	2	3	4
diffusible	•	•		
resistant to alcohol			•	•
stability to moisture [1)]		•	•	•
mechanically loadable			•	•
resistance to wet abrasion Class 2 in accordance with German standard DIN EN 13300	•			
resistance to wet abrasion Class 1 in accordance with German standard DIN EN 13300		•	•	•
free from solvents and plasticizers	•	•		
Low inflammable B1 according to German standard DIN 4102	•	•	•	
non-flammable A2 according to German standard DIN 4102	•			
resistant to disinfectants according to German standard DIN 53168	•	•	•	•
decontamination in accordance with German standard DIN 25415-1			•	•

[1)] In the case of direct exposure to spray water and prolonged exposure to moisture, use of glass glass-fiber systems is generally not recommended.

Notes

Please note the additional information in the Data Sheets of the various types of CreaGlas fiber.

- Data Sheet cg20
  CreaGlas fiberglass textile wall covering Profession
- Data Sheet cg21
  CreaGlas fiberglass textile wall covering VG
- Data Sheet cg22
  CreaGlas fiberglass textile wall covering VG K
- Data Sheet cg23
  CreaGlas fiberglass textile wall covering Art-Line
- Data Sheet cg24
  CreaGlas fiberglass textile wall covering CI-Plus

For a tested system structure, please take note of the testing certificate. The certificate can be ordered at Brillux.

Remark

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity. Version I

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