

SUSTAINABILITY DATA SHEET

SYSTEXX Pure and Phantasy

Glass fibre wall coverings with either subtle or striking wall designs

Product description

The woven glass fiber wall coverings are used indoors on ceilings and walls and are individually designed using suitable creative techniques. For a detailed product description and information on processing, please refer to the technical data sheet. Available online at www.vitrulan.com. Materials considered in this data sheet can be found in the [table](#) in the appendix.

CE information

CE Declaration of Performance acc. EN 15102:2007+A1:2011	Available, see www.vitrulan.com
Fire behavior acc. DIN EN 13501-1	B-s1, d0
Formaldehyde release acc. EN 15102:2007+A1:2011	Passed
Heavy metals + certain elements acc. EN 15102:2007+A1:2011	Passed
Vinyl chloride monomer acc. EN 15102:2007+A1:2011	Passed

Indicators / test reports / expert opinions

Test reports	Available, see www.vitrulan.com
Umweltproduktdeklaration / Environmental Product Declaration acc. ISO 14025 and EN 15804+A2	Available, see www.vitrulan.com
CE Declaration of Performance acc. EN 15102:2007+A1:2011	Available, see www.vitrulan.com
VOC AgBB acc. Schema 2021	Passed, see www.vitrulan.com
VOC-Verordnung „Décret no 2011-321“ et „Arrêté relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils NOR : DEVL1104875A (19.04.2011)“	A+, see www.vitrulan.com

Ingredients

Declaration of ingredients	Glass yarns, starch, polymers, inorganic additives
Preservatives	Not included
Chlorinated paraffins, PBB, PBDE, TCEP, antimony trioxide	≤ 0,10 %
Lead, cadmium, chromium VI	not included (not part of the formulation)
Halogenated blowing agents	not included (not part of the formulation)
OEKO-TEX Standard 100 tested	Yes

Information on building certification according to BREEAM

Hea 02 Table 17, e.g. Formaldehyde ≤ 0.1 mg/m³ (= exemplary level) = requirement fulfilled

Information on building certification according to DGNB

ENV 1.2, criterion 43: no chlorinated paraffins, no polybrominated biphenyls (PBB), no polybrominated biphenyl ethers (PBDE), no SVHC and no Antimony trioxide ≥ 0.1%
= requirement quality level 4 fulfilled

Information on building certification according to QNG

Annex document 313, item 5.4: Chlorinated paraffins, PBB, PBDE, TCEP ≤ 0.10 %
= requirement fulfilled

Information on building certification according to BNB

BNB_BN 1.1.6, Annex 1 (Version V 2015, as of 28.09.2017), item 45, hazardous individual substances: Chlorinated paraffins, PBDE, TCEP < 0.1 %
= requirement quality level 5 fulfilled

To the best of our knowledge and based on the composition of the glass fabrics and based on the currently available information in the safety data sheets of its raw materials and although we have not carried out specific tests, we hereby confirm that polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), tris(2-chloroethyl) phosphate (TCEP) have not been intentionally added and we do not expect them to be present in the glass fabrics above the threshold concentration of 0.1%.

Please note that due to the complexity of building certifications, it is the responsibility of the user to check the suitability of this product for the intended certification system.

Information on building certification according to LEED v4.1

Materials and Resources, Building Life-Cycle Impact Reduction	Up to 5 points: Use data from environmental product declaration
Materials and Resources, Environmental product declarations	Up to 2 points: Environmental Product Declaration available
Materials and Resources, Sourcing of Raw Materials	Up to 2 points: Packaging materials are 100% recyclable. All cardboard used is FSC certified. Some of the cardboard used consists of recycled material.
Materials and Resources, Material Ingredients	Up to 2 points: REACH compliance letter available. SVHC ≤ 0.1 % confirmed
Indoor Environmental Quality, Low-Emitting Materials	Up to 3 points: VOC confirmations available (see above). Formaldehyde release according to standard (see declaration of performance)

Sustainability at Vitrulan

Just as the threads of our fabric are tightly interwoven, we are tightly bound to the concept of sustainability. We define the term sustainability not only as the use of natural, renewable resources such as plant fibers, but above all as our responsibility to safeguard our environment for future generations. At Vitrulan, sustainability is a way of life which we are continuously refining, and which is embedded in the fields of Environment, Social and Governance (ESG).

Environment

We work hard every day to improve our products and processes, make optimal use of resources, and avoid unnecessary transportation to protect the environment.

For example, we no longer use substances that are harmful to health, as confirmed by the OEKO-TEX certification. However, it is not enough to be mindful of sustainable development and production and have a circular business model – fundamental to our ethos is that our products make our customers more sustainable, too: our mesh fabrics and glass fiber wall coverings have been developed to increase the lifetime of buildings, extend renovation cycles and generate energy savings; our infrared heating systems can be virtually carbon neutral when operated in conjunction with photovoltaic modules – and without the need for heating pipes, radiators, or a boiler, they maximize resource savings; our technical textiles and composites can be used for lightweight construction, enabling wind turbines to have larger rotor blades and thus generate more energy on the same footprint, or vehicles to use less energy yet still achieve the same level of performance.

Social

We care about our employees. With their experience and diversity, they are chiefly responsible for our corporate success. Accordingly, we believe it is our responsibility to meet the needs of our employees in a sustainable manner – with a personnel and organizational strategy that offers ample scope for career development, attractive and meaningful tasks and a wide range of training and educational opportunities. But that's still not enough: we offer flexible working models which allow staff to achieve a better work-life balance, we recognize our responsibilities to our employees in terms of safeguarding their health and upholding their workers' rights, we promote tolerance and equal opportunities, and we support not-for-profit organizations as part of our corporate citizenship initiative.

Governance

Various conditions must be met to uphold and continuously improve a forward-looking, social and sustainable corporate governance. In addition to effective risk management, a willingness to accept responsibility, and compliance with laws, standards and voluntary codes of practice as a fundamental principle, these include transparent ESG reporting and the integration of ESG compliance rules into our corporate strategy. We are working hard as a team on the last two topics – to create a growing sustainable ESG organization which takes social and ecological aspects into account at every step.

Table: Materials included

Product	SAP description	Product	SAP description
Pure Structure 103 PG AQ	GG 103 PG AQ	Pure Lines 901 RW	GG 901 RW
Pure Structure 103 RW	GG 103 RW	Phantasy Labyrinth 902 RW	GG 902 RW
Pure Structure 108 PG	GG 108 PG	Pure Jute 904 RW	GG 904 RW
Pure Structure 108 RW	GG 108 RW	Pure Jute 904 RW AQ	GG 904 RW AQ
Pure Structure 109 PG	GG 109 PG	Pure Rain 905 RW	GG 905 RW
Pure Structure 109 RW	GG 109 RW	Pure Big Stripes 906 RW	GG 906 RW
Pure Structure 111 PG	GG 111 PG	Phantasy Mixed Stripes 907 RW	GG 907 RW
Pure Structure 114 RW	GG 114 RW	Phantasy Waterfall 908 RW	GG 908 RW
Pure Structure 116 PG	GG 116 PG	Phantasy Snowflakes 911 RW	GG 911 RW
Pure Structure 116 RW	GG 116 RW	Phantasy Metal Plate 913 RW	GG 913 RW
Pure Structure 117 RW	GG 117 RW	Pure Small Stripes 925 RW	GG 925 RW
Pure Structure 126 RW	GG 126 RW	Pure Small Stripes 925 RW AQ	GG 925 RW AQ
Pure Structure 129 PG	GG 129 PG	Reno 938 RW	GG 938 RW
Pure Structure 129 PG AQ	GG 129 PG AQ	Reno 938 RW AQ	GG 938 RW AQ
Pure Structure 129 RW	GG 129_2 RW	Reno 938 PG AQ	GG 938 PG AQ
Pure Structure 131 PG	GG 131 PG	Phantasy Bamboo 950 RW	GG 950 RW
Pure Structure 131 RW	GG 131 RW	Phantasy Bamboo 950 RW AQ	GG 950 RW AQ
Pure Structure 132 RW	GG 132 RW	Phantasy Stones 951 RW	GG 951 RW
Pure Structure 133 PG	GG 133 PG	Pure Silk 960 RW	GG 960 RW
Pure Structure 133 PG AQ	GG 133 PG AQ	Pure Silk 960 RW AQ	GG 960 RW AQ
Pure Structure 135 PG	GG 135 PG	Phantasy Diamond Dust 972 RW	GG 972 RW
Pure Structure 135 PG AQ	GG 135 PG AQ	Phantasy Diamond Dust 972 RW AQ	GG 972 RW AQ
Pure Structure 135 RW	GG 135 RW	Phantasy Stardust 973 RW	GG 973 RW
Pure Structure 138 PG	GG 138 PG	Phantasy Stardust 973 RW AQ	GG 973 RW AQ
Pure Structure 138 RW	GG 138 RW	Pure Dots 975 RW AQ	GG 975 RW AQ
Pure Structure 139 PG	GG 139 PG	Phantasy Icecubes 977 RW	GG 977 RW
Pure Structure 139 PG AQ	GG 139 PG AQ	Phantasy Icecubes 977 RW AQ	GG 977 RW AQ
Pure Structure 139 RW	GG 139 RW	Phantasy Versailles 980 RW AQ	GG 980 RW AQ
Pure Structure 145 RW	GG 145 RW	Phantasy Tea Time 981 RW	GG 981 RW
Pure Structure 146 RW	GG 146 RW	Phantasy Orient 982 RW AQ	GG 982 RW AQ
Pure Structure 150 PG	GG 150 PG	Phantasy Desert 983 RW AQ	GG 983 RW AQ
Pure Structure 150 PG AQ	GG 150 PG AQ	Phantasy Stars 984 RW AQ	GG 984 RW AQ
Pure Structure 150 RW	GG 150 RW	Phantasy Indian Summer 985 RW	GG 985 RW
Pure Structure 152 PG	GG 152 PG	Phantasy Retro 986 RW	GG 986 RW
Pure Structure 152 RW	GG 152 RW		
Pure Structure 154 RW	GG 154 RW		
Pure Structure 158 RW	GG 158 RW		
Pure Structure 162 RW	GG 162 RW		
Pure Structure 164 RW	GG 164 RW		
Pure Structure 165 PG	GG 165 PG		
Pure Structure 165 PG AQ	GG 165 PG AQ		
Pure Structure 165 RW	GG 165 RW		
Pure Structure 182 PG AQ	GG 182 PG AQ		
Pure Structure 188 PG	GG 188 PG		
Pure Structure 192 RW	GG 192 RW		
Pure Structure 510 RW	GG 510 RW		