

TECHNICAL DATA SHEET

SYSTEXX Phantasy Waterfall EP08 / Icecubes EP77

Glass fleece with spectacular effects

Properties

Effect Print (EP) is a paintable, pre-pigmented glass fleece printed with sand for standard application using adhesive.

All the SYSTEXX wall coverings have brand certification in accordance with DIN EN 13501-1:2010, and meet Class B-s1, d0. SYSTEXX Phantasy Waterfall EP08 and Icecubes EP77 meet the Oeko-Tex class 3 standard.

Typical application

Due to the variety of designs and the possibility of combinations with highly varied coating systems, SYSTEXX offers a large number of surface finishes. Due to the water activatable adhesive coating on the backside, SYSTEXX is an economical wall covering for the interiors of commercial and private buildings. Individual designs can be created by using suitable creative techniques.

SYSTEXX PHANTASY

Technical Parameters / Roll Style

Product	SAP designation	Approx. Weight in g/m ²	Approx. Width in cm	Lengths in m	Pattern Repeat cm
Phantasy Waterfall EP08	GV 808 EP 15,5m	235	95	15,5	--> 0 free match
Phantasy Icecubes EP77	GV 877 EP 15,5m	190	95	15,5	--> 0 free match

Substrate preparation

The substrate must be dry, clean, smooth and stable. Remove old wall coverings and unstable coatings. Smooth any stable substrates that are rough or uneven; fill any holes with filler. Ideally the substrate should be prepared in such a way that any imperfections such as extra graininess or small uneven locations can largely be avoided. marks left by preparation work should be ≤ 1mm. To achieve this, treat the surface with a smoothing plaster or smoothing pass over a large area. Porous substrates should first be treated with a suitable primer. Remove any mould or fungus, and treat as required by relevant guidelines (Substrate preparation is described in more detail in the "Substrate / Preparation" table).

Application

Important for all products

Do not apply when the temperature of the room or wall is less than + 8 °C. Only use products with the same serial number on adjacent surfaces (printed on the outside of the box). Sheet length = all / ceiling measurement plus 5 – 10 cm. Cut off the excess cleanly.

1. Effect Print (EP) application

Using a roller or airless sprayer, evenly apply a sufficient quantity of suitable adhesive to the wall, covering an area the width of 1 to 2 drops. Please follow the instructions provided by the adhesive manufacturer. The use of a wallpapering device is not recommended. Allow 7 – 12 hours drying time at normal room temperature (18 °C). Remove any adhesive on the visible side straight away with a damp cloth or sponge.

Recommended quantity of adhesive: 150 - 200 g/m²

2. Avoid differences in texture

Never paste the product upside down or inside out. The marking on the back provides orientation. When glued, the distance between the marking on the back is 1 m from one sheet to the next.

3. Paste with butt-join

The sheets must have very good contact near the seams. Avoid overlaps in the seam area. Any adhesive left on the front of the fabric should be removed immediately with a damp clean cloth.

4. Pressing onto the wall and trimming of Effect Print (EP)

Press firmly onto the surface with a wallpaper hanging brush or wallpaper sweep, making sure that there are no bubbles. Carefully press overlapping fabric into the corners and cut with a sharp knife, using a wallpaper squeegee or cutting ruler as a guide. Wallpaper scissors can also be used.

Applying around outside corners: Cut along the edge, use a corner bead if necessary.

Note: Small grains of sand can come off the surface. This has no effect on the finished surface appearance.

5. Coating

We recommend using high-quality dispersion paint. Apply two coats, wait until the first coat has completely dried before applying the second coat. Any level of gloss can be used.

1st coat: apply the paint evenly after the product has fully dried. Follow the paint manufacturer’s application instructions.

2nd coat: only do this after the 1st coat of paint has fully dried.

Paint consumption: 270 – 370 g/m² for 2 coats

The quantity required depends on the used paint and on the substrate. You will need to determine accurate values to allocate applications to the building. Similarly, please also see the technical data sheets for those products that will also be used.

Coating according to degree of gloss

Desired topcoat	Required basecoat
Matt	-----
Semi-gloss	Semi-gloss
- Eggshell	- Eggshell
- Satin	- Satin
Gloss	Gloss
- High gloss	- Satin
	- High gloss

Substrate	Preparation
Exposed concrete	<ol style="list-style-type: none"> 1. De-burr roughly 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Porous concrete, Filigran concrete	<ol style="list-style-type: none"> 1. Clean (abrade and smooth down) 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Sandy plaster	<ol style="list-style-type: none"> 1. Sand down (remove loose sand corn) 2. Stabilize substrate with a suitable primer 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Course textured plaster	<ol style="list-style-type: none"> 1. De-burr roughly 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Absorbent plaster (e. g. stucco)	<ol style="list-style-type: none"> 1. Apply a suitable primer 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Normal plaster	<ol style="list-style-type: none"> 1. Fill holes and cracks, smooth and level substrate with a suitable filling material 2. Sand and prime
Peelable / Stripable wallpaper Scrap wallpaper (e.g. woodchip)	<ol style="list-style-type: none"> 1. Remove wallpaper entirely 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Peeling / Flaking paint coating	<ol style="list-style-type: none"> 1. Remove all loose flakes 2. Sand and prime the area 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Distemper coatings (e.g. cellulose)	<ol style="list-style-type: none"> 1. Remove completely by scraping/washing off 2. Prime with suitable keying primer 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Glossy paint coatings	<ol style="list-style-type: none"> 1. Sand until there is a matt finish 2. If necessary, apply a keying primer
Glass fabric	<ol style="list-style-type: none"> 1. Smoothen and level out fabric structure with a suitable filling material (prevents the formation of stripes in the texture) 2. Sand and prime

Plasterboard panels	<ol style="list-style-type: none">1. Fill joints and screw holes in accordance with current plasterboard specifications2. Sand and prime
OSB panels, wood, Hardboard	<ol style="list-style-type: none">1. Insulate / seal surface with suitable primer2. Fill joints and screw holes with suitable filling material3. Sand and prime
Ceramic tiles	<ol style="list-style-type: none">1. Clean and degrease the tiles2. Apply bonding agent (undercoat/primer for ceramic and glass)3. Fill and level whole surface with a suitable filling material4. Sand and prime
Rusty steel surfaces	<ol style="list-style-type: none">1. Remove rust as per DIN 55928 PST 2-3 or ST 2-32. Apply a suitable anti-corrosive primer
Bleeding surfaces (e.g. waterstains)	<ol style="list-style-type: none">1. Insulate bleeding areas with a suitable primer2. Fill holes and cracks, smooth and level substrate with a suitable filling material3. Sand and prime
Nicotine and soot deposits	<ol style="list-style-type: none">1. Treat with an insulating protective layer

Important

In spite of strict quality controls, the nature of production means that small faults can occur. These are marked at the edge of the material, and compensated for by an additional 0.5 meter length. Complaints made after more than 10 sheets have been laid cannot be accepted.

Storage

Store the rolls in a dry, clean place.

General information

- 1.) Certain sensitive individuals may find that handling glass fiber irritates their skin. SYSTEXX is tested to Öko-TEX standards to ensure that it is free from allergenic and harmful substances.
- 2.) This information sheet does not claim to address every problem that may occur in practice. Therefore no obligation or liability may be derived from it. Users are obliged to use their professional judgment to assess the application based on the product's suitability and the substrate. Please comply with the relevant national building regulations. In case of doubt, please contact the technical advisory service at Vitrulan Textile Glass GmbH.