

# CUSTOM BRICK™

DS. 09.04.4403

Architectural finish system in the look of brick, stone, slate and tile for vertical surfaces



#### Product Description:

**Custom Brick™ is an innovation from Dryvit designed for exteriors and interiors.**

Custom Brick™ provides a breathtaking and beautiful effect that will leave even the most experienced mason shaking his head with amazement. The look of Dryvit Custom Brick™ is simply spectacular and gives varied advantages over other exterior cladding options. Custom Brick™ offers a wide array of patterns, colours, textures and shading techniques that together can be used to make your building look exactly the way you want it to.

#### Materials:

Custom Brick™ PG  
Templates  
Custom Brick™ polymer finishes

*NOTE: The following finishes can be used as a Custom Brick™ polymer finish: Stonemist, Ameristone, Ameristone T, Sandblast PMR, Sandpebble PMR, Quarzputz PMR, Freestyle PMR, Lymestone, Lymestone TR, Sandblast NT, Sandpebble NT, Quarzputz NT, Freestyle NT, Sandblast EURO, Sandpebble EURO, Quarzputz EURO, Freestyle EURO, Sandblast TR, Sandpebble TR, Quarzputz TR, Freestyle TR.*  
See specific data sheet for more details.

#### Colour:

Any colour from the range of 500 Dryvit colours or any special order colour required.

#### Packaging:

Custom Brick™ polymer finish 22.0–24.72 kg net (pail) – depending upon used finish.  
Custom Brick PG 17.36 kg net (pail).

## TECHNICAL DATA

TEST TYPE	TEST METHOD	TEST CRITERIA	TEST RESULT
<b>Accelerated weathering</b>	ASTM G154	2000 hours no deleterious effect	5000 hours no deleterious effect
<b>Flexibility</b>	ASTM D522		Pass 38 mm diameter at +20°C
<b>Mildew resistance</b>	ASTM D3273	No growth after 60 days	No growth after 60 days
<b>Salt spray resistance</b>	ASTM B 117	300 hours no deleterious effect	1 000 hours no deleterious effect
<b>Impact resistance</b> With acrylic finish			
Impact 3 J	ETAG 004	No cracks and breaks	Category II
Impact 10 J	ETAG 004	No perforation	Category II
<b>Water absorption [kg/m<sup>2</sup>]</b>			
After 1 hr immersion	ETAG 004	< 1	0,02
After 24 hr immersion	ETAG 004	< 1	0,23
<b>Water tightness</b>			
Heat – rinse cycle	ETAG 004	no deleterious effect	no deleterious effect
Heat freezing cycle	ETAG 004	no deleterious effect	no deleterious effect
<b>Impact resistance [J]</b>			
With acrylic finish	ÖNORM B 6100	≥ 3	> 5

## FEATURES & BENEFITS

FEATURE	BENEFIT
<b>1</b> Lighter in weight than traditional brick	Save in construction costs
<b>2</b> More design options	More colours, textures and shapes
<b>3</b> Polymer based product	Possibility of use with different systems Easy at installation and maintenance

**dryvit** 

An RPM Company

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### USES

Custom Brick™ Finish Polymer System is for use on vertical wall surfaces and consists of patented templates, Custom Brick™ PG, and a 100% acrylic-based finish. Many template designs are available that simulate popular brick and stone patterns. The brick surface can be applied in a variety of textured effects. It can also be shaded to create a wide range of colors and color highlights that simulate the appearance of weathered brick and stone.

### SUBSTRATE PREPARATION

The surface must be fully dried and free of surface contaminants such as dust, dirt, efflorescence, peeling paint, sealers, etc., prior to applying the Custom Brick™ PG and Custom Brick™ templates. The surface must be sufficiently planar and smooth to allow 100% contact of the Custom Brick™ templates. All rough surfaces shall be skimmed with the Dryvit Genesis or Genesis DM mixture to provide a surface that is sufficiently planar and smooth to allow 100% contact of the Custom Brick™ templates.

### MIXING

Custom Brick™ PG – stir to a smooth homogenous consistency. Avoid introducing air by over mixing. Custom Brick™ finishes should be thoroughly mixed with a slow-speed mixer (400–500 rpm) after opening. Mix until uniform workable consistency is attained.

**NOTE: Do not use an aluminium mixer to mix plaster.**

### APPLICATION CONDITIONS

The ambient and substrate temperature at the time of application of the Custom Brick™ and during the next 24 h shall be between +10°C and 31°C. Avoid work in strong sunlight and on strongly heated surfaces. The finish should be protected against rain and damage until it is fully dry or sealant and metal works completed. Ambient temperature should not exceed 32°C at the time of application due to overly fast drying as well as problems associated with floating.

### APPLICATION METHOD

1. Genesis or Genesis DM application (if required) – with stainless steel trowel, apply the Genesis or Genesis DM mixture to a uniform thickness that provides a surface sufficiently smooth and planar. Allow the applied mixture to dry (min 24 hours).
2. Custom Brick™ PG Application – using a brush, roller or spray equipment, apply Custom Brick™ PG over the prepared substrate. Application shall completely cover the underlying substrate.
3. Custom Brick™ Template Application – install templates to achieve the desired pattern.
4. Custom Brick™ Finish Application – using a stainless steel trowel, apply the finish over the templates keeping the material flush with the top surface of the templates. The applied finish should not exceed the thickness of the template.
5. Template Removal – Carefully remove the templates, avoiding jagged edges. Do not press down on the finish to prevent edge tearing or lifting of the applied finish.

Detailed information regarding the application may be found in Dryvit Custom Brick™ System Instruction Manual DS 09.03.4401.

### DRYING TIME

Drying times required for good template removal are vary from 4 to 24 hours depending upon temperature, humidity, wind and type of the templates. Drying time of the finish under standard atmospheric conditions (21°C and 55% relative humidity) is 24 hours. Drying time in case of lower temperatures or higher relative humidity is longer. The surface should be protected against rain and frost until it is fully dry.

#### Coverage:

Custom Brick™ polymer finish  
1.5–2.0 kg/m<sup>2</sup>.  
Custom Brick™ PG approx.  
0.20 kg/m<sup>2</sup>.

#### Storage time and conditions:

Store in sealed original pails at a temperature of +4°C for a period not exceeding 24 months from the date of production. Pails should be protected from damage and direct sunlight.

#### Notes and limitations

Custom Brick™ finishes should not be used on horizontal surfaces exposed to rain. The minimum slope of such surfaces should be at least 27°.

Custom Brick™ finishes should not be used directly on EPS or paper-gypsum boards as façade finishes.

No additives such as cement, sand, rapid binders, anti-freeze, accelerators etc. shall be added to any Custom Brick™ materials under any circumstances. Such additives will adversely affect the performance of the materials and void all warranties.

Minor colour deviation will occur due to the natural aggregate and variations in raw materials. To achieve the best colour results, material from the same batch should be applied to a specific wall section.

One glass of water (max. 250 ml) may be added to one pail of finish. In such case though the amount of water in all buckets should be identical.

*Drying time in case of special order darker colours as well as saturated and intense colours is significantly longer (external conditions should also be taken into consideration).*

Clean tools with water while finish is still wet.

#### Maintenance

Even though Custom Brick™ finishes demonstrate exceptional use parameters, their periodical washing is recommended depending on building location. Maintenance procedures are described in the Maintenance and Renovation Instruction DS 00.6.01.