

# Silicone Render Primer 3644

Silicon-Putzgrundierung 3644

**weather-resistant, pigmented, quartziferous,  
water-repellent for exterior use**

## Properties

Silicone-based, water-repellent, weather-resistant, quartziferous primer coat. Pigmented, highly diffusible, and easy to apply. Tested in the Brillux ETIC System, "schwer entflammbar B1" (flame-retardant) in accordance with DIN 4102.

## Field of application

As an adhesion-promoting primer and undercoat for subsequent coatings with silicone render in the Brillux ETIC System and on even surfaces, e.g. exterior plaster (compressive strength category CS II - CS IV, compressive strength  $>2 \text{ N/mm}^2$ ), concrete, load-bearing emulsion paint coatings.

## Material description

**Standard color:** 0095 white. Bright colors can be mixed with the Brillux color system. Additional color shades available on request.

**Gloss grade:** matt

**Material basis:** Silicone resin emulsion in combination with acrylate copolymer dispersion

**Density:** approx.  $1.5\text{--}1,6 \text{ g/cm}^3$

**Packaging:**

0095 white: 15 l

Color system: 15 l

## Use

### Thinning

Ready for use, do not thin.

### Tinting

Up to max. 20 % with Silicone Facade Paint 918, colored.

### Compatibility

May only be mixed with materials of the same type and the materials specified for this purpose in this data sheet.

### Application

Silicone Render Primer 3644 can be applied by paintbrush or paint roller.

### Consumption

Approx. 150 to 200 ml/m<sup>2</sup> per coat.

Determine exact consumption by way of a test application on the object.

### Application temperature

Recommended air and object temperature:  $+15 \text{ }^\circ\text{C}$  to  $+25 \text{ }^\circ\text{C}$ . Do not apply if air or object temperature is under  $+5 \text{ }^\circ\text{C}$ .

### Tool cleaning

Clean tools immediately after use with water.

## Drying ( $+20 \text{ }^\circ\text{C}$ , 65 % relative humidity)

Recoat after approx. 12 hours.

Allow longer drying times at lower temperatures and/or higher air humidity.

## Storage

Store in a cool and frost-free location. Reseal opened containers tightly.

## Declaration

### Note

Contains preservatives.

### Water pollution classification

WGK 1, according to VwVwS.

### Product code

BSW20.

Comply with the specifications in the current Safety Data Sheet.

## Coating build-up

### Substrate preparation

The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, load-

bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Clean areas infested with fungus or algae thoroughly and then treat them with Universal Disinfectant 542\*. (\* Use biocides safely. Always

read the label and product information before use.) Treat replastered areas with a fluorine primer. Prepare the substrate depending on the requirements. Coat reinforcement layers after allowing them to cure and dry properly (at least 3 days, with +20 °C, 65 % relative humidity). Also see VOB Part C, DIN 18363, Section 3.

Substrates	Prime coat	Intermediate coat <sup>1)</sup>	Top coat <sup>2)</sup>
Reinforcement layer, e.g. in Brillux ETIC system			
untreated, normally and low-absorbent exterior plaster, intact dispersion paint coats		Silicone Render Primer 3644	Silicone Render KR or R or Silcosil KR, graining as required
highly absorbent exterior plaster, limy dispersion paint coats, etc.	Silicone Substrate Consolidator 916		

<sup>1)</sup> In the case of a white top coat with Silicone Render on ETICS Reinforcement Plaster ZF-Granit 3535 or ZF-R 3636, no intermediate coat of Silicone Render Primer 3644 is required.

<sup>2)</sup> In the case of a colored top coat, use Silicone Render Primer 3644 in a color matching the color of the Render.

## Notes

### New, mineral substrates

Allow new, mineral substrates, concrete or plaster to cure for at least 14 days (4 weeks recommended) before coating them.

### Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

## 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.

Brillux  
Weseler Straße 401  
48163 Münster  
GERMANY  
Phone +49 251 7188-0  
Fax +49 251 7188-105  
info@brillux.de  
www.brillux.com