

## Lignodur SolvoGuard 885



Structure-preserving weather protection based on alkyd resin, for outdoors



Color System

Basecode

### Field of application

For structure-preserving, initial and renovation coatings on wooden components in exterior areas. As covering or glazing weather protection, e.g. for facades, balcony balustrades, roof soffits, shutters, fences, windows and exterior doors.

### Properties

- Based on long-oil alkyd resin
- For outdoors
- With film protection from the factory
- Silk matt
- Moisture regulating
- Blocks soluble wood constituents
- Block resistant
- Drip-inhibited for safe overhead work
- One-pot system
- Easy to apply, even when used on large areas
- Optionally available in Protect quality (film protection against an algal and fungal infestation of the coating)

### Material description

|                      |  |
|----------------------|--|
| <b>Colors</b>        | 0095 white<br>Additional covering or glazing color shades from the Brillux Color System          |
| <b>Gloss grade</b>   | Silk matt  |
| <b>Base material</b> | Long oil alkyd resin, solvent-based, pigmented   |
| <b>VOC</b>           | EU limit for this product (Cat. A/e): 400 g/l (2010).<br>This product contains max. 400 g/l VOC. |
| <b>Flash point</b>   | +56°C  |

## Material description

|                  |  |
|------------------|--|
| <b>Density</b>   | Approx. 0.95–1.3 g/cm <sup>3</sup> depending on the color shade. |
| <b>Packaging</b> | 750 ml, 3 l, 10 l  |

## Use

|                                |  |
|--------------------------------|--|
| <b>Thinning</b>                | No thinning.   |
| <b>Tinting</b>                 | All colors can be mixed with one another without limitations.  |
| <b>Compatibility</b>           | Do not mix with other types of materials.  |
| <b>Application</b>             | Stir thoroughly before use. Lignodur SolvoGuard 885 can be applied using brush and roller application methods. Uni-Plus Paint Brushes and brushes with natural bristles are suitable for brush application. Alternatively, Lignodur SolvoGuard 885 can be applied by spray application. More information on spray application is provided in the following "Spray data" table. (Notes on "Protect equipment" observe). |
| <b>Consumption</b>             | Approx. 80–100 ml/m <sup>2</sup> per coat. Determine the exact consumption by means of a test application on the object to be coated.  |
| <b>Application temperature</b> | Do not apply if air or object temperature is below +5°C.   |
| <b>Tool cleaning</b>           | Clean tools immediately after use with Thinner AF 631 or Quick-acting Brush Cleaner 111.   |

## Spray data

| Spray system                    | Nozzle                         | Spray angle | Supply air/air quantity | Material pressure/material quantity | Thinning  | Cross-spraying |
|---------------------------------|--------------------------------|-------------|-------------------------|-------------------------------------|-----------|----------------|
| Low pressure <sup>1) 2)</sup>   | Yellow front end <sup>3)</sup> | –           | 100%                    | Ring setting 8                      | Unthinned | 1½             |
| Airless/TempSpray <sup>1)</sup> | 0.008 inches <sup>4)</sup>     | 40°         | –                       | 100 bar                             | Unthinned | 1½             |
| Battery-Airless <sup>5)</sup>   | 0.008 inch                     | –           | –                       | regulator Level 5 (110 bar)         | Unthinned | ½              |

The data is based on substrate and ambient temperatures of +20°C.

- 1) When applying glazing colors in spray application and using the low-pressure spraying system (XVLP Technology), smooth the surfaces after spray application with a paintbrush.
- 2) Information relating to XVLP technology with Wagner FinishControl FC 3500 or FC 5000.
- 3) StandardSpray spray attachment (yellow) for all standard enamel paints and woodstains. Also keep the nozzle clean during application. Remove dry paint material with a soft brush. Please follow the equipment manufacturer's instructions.
- 4) This information relates to the use of FineFinish Nozzle 408 (TradeTip 3 – violet) and material temperature +50°C. The flash point must be taken into consideration. Follow the instructions in the current safety data sheet.
- 5) Information relating to the use of the SprayPack 18 V Select 3344 spraying system.

## Drying (+20°C, 65% relative humidity)

Dust dry after approx. 3 hours. Recoatable after approx. 12 hours. Allow for longer drying time if the temperature is lower and/or the humidity is higher.

## Storage

Store in a cool, dry location. Reseal opened containers tightly.

## Declaration

**Note** Contains preservatives.  
Do not inhale spray mist.

**Product code** BSL20  
Comply with the specifications in the current safety data sheet.

## Coating build-up

- Substrate preparation**
- The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free from separating agents.
  - The BFS Leaflet no. 18 specifies that the moisture content for dimensionally stable components must be limited to 15%. For non-dimensionally stable components and components with limited dimensional stability, the moisture content must not exceed 18%.
  - Remove grayed wood down to the load-bearing wood layers.
  - Check the suitability, load-bearing capacity and adhesive properties of existing coatings.
  - Thoroughly sand intact enamel coatings.
  - Remove defective and unsuitable coatings completely and dispose of them in accordance with the applicable regulations.
  - Hazardous particles and vapors may be released while reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun, etc. Only perform this kind of work in well ventilated areas and ensure the use of appropriate protective equipment (including respiratory protective equipment) as required.
  - See also VOB Part C, DIN 18363, Section 3.

## Exterior coats on wood

| Substrates  | Impregnation <sup>1)</sup>                      | Prime coat  | Intermediate coat                     | Top coat                |
|---|---|---|---------------------------------------|-------------------------|
| Untreated non-dimensionally stable wooden components, e.g. overlapping paneling, fences, pergolas                       | Lignodur Contrabol 550                          | Lignodur SolvoGuard 885   | If necessary, Lignodur SolvoGuard 885 | Lignodur SolvoGuard 885 |
| Untreated limited dimensionally stable wooden components, e.g. tongue and groove paneling (e.g. roof soffits), shutters |   |   |                                       |                         |
| Untreated, dimensionally stable wooden components, windows and doors  |   |   |                                       |                         |
| Wooden components with an intact load-bearing old coating   | Raw wooden surfaces with Lignodur Contrabol 550 | If necessary, repair damaged areas with Lignodur SolvoGuard 885 |                                       |                         |

<sup>1)</sup> Follow the instructions in BFS Leaflet No. 18, Sections 6 and 7.2.1.

|   |   |
|---|---|
| <b>Protect quality</b>                    | Lignodur SolvoGuard 885 comes from the factory with film-protection preservatives and therefore may only be used outdoors. Containers marked "Protect" contain material that is factory-fitted with film protection against fungal attack. This may only be used outside. The preservatives contained minimize or delay the risk of fungal attack. The material equipped with film protection must be applied in a sufficient layer thickness; we recommend applying at least two coats. According to the state of the art, permanent protection against fungal attack cannot be guaranteed. Do not inhale spray mist, wear suitable protective clothing. |
| <b>Sand the substrates</b>                | Sand the surfaces between work steps.   |
| <b>Check old coatings</b>                 | Check old woodstain coatings for adhesion, for example by scratching the substrate or applying then removing sticky tape. Applying a wet cloth to the surface additionally clarifies whether the coating and/or the wood is suitable for coating build-up. If a dark, damp spot appears on this part of the wood after a brief period, then the surface needs to be sanded back to the load-bearing wooden layer.   |
| <b>Assess woodstain color shade</b>       | The various kinds of wood and existing intact woodstain coatings affect the woodstain color shade due to intrinsic color and absorbency. For this reason, we recommend applying a test coat in advance.   |
| <b>Wood-based panels for exterior use</b> | In accordance with the current state of the art, wood-based panels are only conditionally suited for coating in exterior areas. Also refer to BFS Leaflet No. 18, Paragraph 2.2.3. A coating recommendation can only be provided on a case-by-case basis under consideration of the material type and quality, construction, and climatic conditions. Please contact the Brillux Consulting Service if you require assistance in this context.  |
| <b>Brilliant and intense color shades</b> | Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow-green range, have a low hiding power due to the nature of their pigments. When using critical color shades in these color ranges, we recommend applying a full-covering prime coat in the corresponding base color (Basecode). In addition to the standard coating buildup, additional coats may be required.   |
| <b>Further information</b>                | Follow the instructions in the data sheets of the products used.  |

## Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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

