

# Product Data Sheet

## TEFROKA® HLS Sealer

Pigmented weather resistant sealer based on 2-component PU dispersion

### Field of Application

TEFROKA® HLS Sealer is a water based pigmented 2-component polyurethane sealer. It serves as a wear and weather resistant final sealer for our TEFROKA® HLS Deck Covering system.

### Properties

- Pigmented
- Fast curing
- Matt
- Wear resistant
- UV resistant
- Highly chemically resistant
- Resistant against sea water
- Easy care

### Technical data

|   |                    |                           |
|---|--------------------|---------------------------|
| Pot life  |                    | ca. 80 min.               |
| Solids content  |                    | ca. 60 %                  |
| Mixing ratio (by weight)                                  |                    | 8 : 1                     |
| VOC - content   |                    | 0 g/L                     |
| Density   | DIN EN ISO 1183 -1 | ca. 1,3 g/cm <sup>3</sup> |
| Mix Viscosity   | 6 mm valve         | 60 s                      |
| Taber abrasion (CS10/1000/1000)                           |                    | ca. 60 mg                 |
| Consumption   |                    | ca. 150 g/m <sup>2</sup>  |
| Dry film thickness (smooth area at 150 g/m <sup>2</sup> ) |                    | ca. 70 µm                 |
| Object temperature  |                    | min. 5 °C to max. 30 °C   |
| Material temperature                                      |                    | min 15 °C to max. 25 °C   |

### Packaging

1 unit = 6 + 0,75 kg / 10 + 1,25 kg Component A + B

### Substructure

The coating substructure has to be dry and sound, free of loose particles, oil, fat and other substances affecting the adhesion.

### Application

Add component B to A (mixing ratio as supplied) while stirring component A continuously. Avoid gel formation by fast complete homogenization of both components. A homogeneous consistency should be reached after approx. 2 - 3 minutes. Stir up thoroughly from bottom and sides to achieve a uniform distribution of the hardener. Re-pot the mixture and mix again.

Minimum application temperature is + 10 °C, maximum application temperature is + 25 °C.

The sealer is applied by brush or roller.

### **System products**

TEFROKA® HLS Deck Covering

### **Shelf life**

6 months. Store in a dry and cool but frost free place at temperatures between 15 and 30 °C

### **Color**

- RAL 7012

### **General remarks**

All mentioned figures and consumption values are results which were determined under laboratory conditions. When using the product on the job, deviating values may result. Lower temperatures delay; higher temperatures accelerate hardening and curing of the product. The specified minimum of the application temperatures have to be followed. No other materials may be added and the mixing ratios are not allowed to be changed

### **Conformity**

Certified within the TEFROKA® HLS Deck Covering system according to IMO FTP Code 2010.

### **Safety**

Generally read and observe instructions given in material safety data sheet. Store and apply in accordance with local guidelines and regulations.

### **General Notes**

This product data sheet is based on the latest state of art and our experience and it is giving recommendations based on our best knowledge. However, it is without legal binding and establishes neither a contractual legal relationship, nor a secondary obligation on any sales contract. This product data sheet does not release the buyer or user of the obligation, to check the substructure and the material for the intended purpose. If the buyer or user is going to use the material differently than described above, it needs to be discussed with manufacturer before the application. Without approval of altered use of material, usage is at the buyers or users on risk. This refers especially to combinations with other products. Only product data sheets of latest date are valid.