

#### >Product description

Two-component alkyd-reactive coloured lacquer, free of aromatic compounds, particularly well filling, almost entirely resistance to metallic rings, PVC-resistant and rapid drying. Coloured topcoat for closed-pore coatings.

#### >Areas of application

For all interior designs and for coating furniture.

#### >Surface Preparation

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface preparation              | Clean, dry wood, clean suitable foil substrate or matching pigment filler. Free from oil, grease, wax and silicones. Correctly sanded and free from sanding dust. |
| Substrate sanding grits from-to  | 120 - 400                                                                                                                                                         |
| Lacquer sanding (grit) from - to | 280 - 320                                                                                                                                                         |
| Comments on sanding              | The quality and uniformity of the wood and of the lacquer sanding are crucial to the final surface finish. After sanding, remove dust as prescribed.              |

#### >Finishing

|           |                                                      |
|-----------|------------------------------------------------------|
| Finishing | Recoatibility: with itself following proper sanding. |
|-----------|------------------------------------------------------|

#### >Times

|                 |                  |
|-----------------|------------------|
| Usage time      | 4 h / 20 °C.     |
| Pot life        | 5 d / 20 °C      |
| Drying          | 1 h / 20 °C      |
| Stackable after | > 30 min / 20 °C |
| Complete drying | 24 h / 20 °C     |

#### >Application

| Application             | Nozzle size in mm | Spray pressure in bar |
|-------------------------|-------------------|-----------------------|
| Spraying                |                   |                       |
| Compressed air spraying | 1,8 - 2,5 mm      | 2,0 - 3,0 bar         |

#### >Processing instructions

When used in spraying: Working viscosity: 22 - 24 s; where necessary up to 15 % addition of RSV 9993 is possible! To prevent drying delays due to increased ambient humidity, we recommend the addition of around 10 % RSV 9997 to the lacquer/hardener mixture rather than the usual thinner.

## Technical information

### Hesse 2C Reactive Colour lacquer RSB 9628(gloss level)-(colour tone)

Mixing ratio (by volume): 10 : 1 Hardener RSR 90010



#### >Technical data

|                               |                         |
|-------------------------------|-------------------------|
| Flow time (+/- 15 %)          | 58 s / DIN 53211 - 4 mm |
| Density series kg/l           | 0.956 - 1.157           |
| Form of delivery              | fluid                   |
| Non-volatile content series % | 36 - 55                 |
| VOC EU %                      | 47 %                    |
| VOC FR                        | C                       |
| Storage temperature           | 10 - 35 °C              |
| Shelf life in weeks           | 26                      |
| Working temperature           | 20 °C                   |
| Number of coats (max)         | 2                       |
| Amount per layer (minimum)    | 120 g/m <sup>2</sup>    |
| Amount per layer (max)        | 150 g/m <sup>2</sup>    |
| Total application volume      | 300 g/m <sup>2</sup>    |

#### >Ordering information

| Order number   | Colour tone | Gloss level 60°<br>(Gloss +/-5) | Gloss level | Container Size |
|----------------|-------------|---------------------------------|-------------|----------------|
| RSB 96284-9010 | 9010        | 20                              | silk matt   | 5 l, 25 l      |

#### >Hardeners

| Order number | Product description | Container Size   |
|--------------|---------------------|------------------|
| RSR 90010    | Hardener            | 2.5 l, 5 l, 20 l |

#### >Thinners

| Order number | Product description | Container Size                             |
|--------------|---------------------|--------------------------------------------|
| RSV 9993     | Special thinner     | 0.25 l, 0.75 l, 1 l, 5 l, 15 l, 25 l, 30 l |
| RSV 9997     | Spezialverdünner    | 1 l, 5 l, 25 l                             |

#### >Particular instructions

Due to its limited water resistance, do not use on open-pore structures for tables and worktops! Please apply a test coat under real conditions! Pre-priming is possible depending on the surface-finish requirements and substrate, for example with: RSP 94520-9343. Isolate content rich tropical wood beforehand with DG 4720-0001, DG 572-1. When directly coating cleaned or sanded foils, please apply a test coat to check the bonding! Storage class as per German Industrial Health and Safety Regulations (BetrsichV): Highly flammable. Please observe the latest version of the material safety data sheet!

#### >Sample process

The coating process and the precise treatment parameters are adapted in each case to the respective application and drying conditions and can be found in the customer-specific process descriptions (surface techniques).

#### >General information

Reactive coatings should not be used or dried at material and room temperatures of less than 18 °C and below relative humidity of 40 %, ideal values: 20 - 25 °C, 50 - 65 % relative humidity. Deviations will result in drying or curing errors. In order to avoid problems with bonding, please sand the reactive lacquers before applying fresh lacquer and apply lacquer to the sanded surfaces as soon as possible. The final hardening of the lacquer will be reached after one week of proper storing (at least 20 °C room temperature). Please apply a test coat under real conditions!

Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at [www.hesse-lignal.de](http://www.hesse-lignal.de) or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Safety data sheet is provided in accordance with EC regulation no. 1907/2006.