

#### >Product description

Two-component active alkyd lacquer, particularly good filling properties, clear, quick-drying and PVC-resistant. Multi-coat lacquer for base and top coats.

#### >Areas of application

For all interior fittings in the living area and on an extremely wide range of wood types, priming foils and MDF.

#### >Surface Preparation

Surface preparation	Clean, dry wood, free of oil, grease, wax and silicones. Sanded as prescribed and free from sanding dust.
Substrate sanding grits from-to	120 - 180
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.
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#### >Times

Usage time	1 d / 20 °C
Pot life	5 d / 20 °C
Drying	60 min / 20 °C
Stackable after	2 - 3 h / 20 °C
Complete drying	16 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

Mix the lacquer and hardener carefully. Work the hardener in well. 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 system RSE 9545x(gloss level)

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

#### >Technical data

Flow time (+/- 15 %)	55 s / DIN 53211 - 4 mm
Density series kg/l	0.95 - 0.996
Form of delivery	fluid
Non-volatile content series %	38 - 45
VOC EU %	54 %
VOC FR	C
Storage temperature	16 - 25 °C
Shelf life in weeks	52
Working temperature	20 °C
Number of coats (max)	2
Amount per layer (minimum)	80 g/m <sup>2</sup>
Amount per layer (max)	160 g/m <sup>2</sup>
Total application volume	320 g/m <sup>2</sup>

#### >Ordering information

Order number	Gloss level 60° (Gloss +/-5)	Gloss level	Container Size
RSE 95452	11	matt	25 l
RSE 95457	47	satin gloss	15 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 9991	Special thinner	5 l, 25 l
RSV 9997	Spezialverdünner	1 l, 5 l, 25 l

#### >Retarder

Order number	Product description	Container Size
RSV 9994	Special thinner	5 l, 25 l

#### >Cleaning agent and care product

Order number	Product description	Container Size
GR 1900	Cleaning agent	1 l, 2.5 l, 3 l, 25 l

#### >Particular instructions

Due to its limited water resistance, do not use on open-pore structures for tables and worktops! Material susceptible to yellowing in the absence of light; do not use on white or pastel substrates! This product is not suitable for use on bleached surfaces! Isolate content rich tropical wood beforehand with DG 4720-0001, DG 572-1. Please apply a test coat under real conditions! 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

Shelf unit, beech natural semi matt. Wood-sanding grit 150 - 180 with subsequent dust removal Coating: 2 x 80 - 100 g/m<sup>2</sup> Hesse 2C Reactive system RSE 95454, mixing ratio (by volume) 10 : 1 with Hardener RSR 90010) Addition of thinner: 10 % RSV 9991 Intermediate drying time of at least 60 - 90 min / 20 °C room temperature with adequate ventilation. Intermediate sanding grit 280 - 320 with good dust removal. Packable: after drying, requires at least 16 h / 20 °C room temperature and with adequate ventilation.

#### >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!

#### >Particular properties and/or testing standards

Test standard / basis	Testing laboratory	Mark	Report	No.
PVC-resistant	HESSE			
Saliva and sweat resistance according to DIN 53160 Parts 1 and 2: no discolouration (Level 5)	HESSE			
DIN 68861-Part 1C (Furniture surfaces; Behaviour under chemical demands)	HESSE			
Formaldehyde content	HESSE		< 0,1 %	
Formaldehyde emission during drying process	HESSE		Bei vergleichbaren Systemen: < 0,1 ppm	

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.