

>Product description

Dual-component alkyd-reactive pigment filler, free from aromatic compounds, particularly good filling power, quick-drying and well sandable. Filling primer for closed-pore applications.

>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	150 - 400
Lacquer sanding (grit) from - to	280 - 400
Comments on sanding	Along with the MDF quality and the film quality, the quality and uniformity of the wood sanding, MDF sanding or foil sanding, as well as the lacquer sanding, are critical for the quality of the final surface. After sanding, remove dust as prescribed.

>Finishing

Finishing	Recoatibility: After sufficient drying time and intermediate sanding, only with itself and dual-component reactive coloured lacquers. (e.g. RSB 96284-(colour tone)).
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>Times

Usage time	1 d / 20 °C
Pot life	5 d / 20 °C
Drying	3 h / 20 °C
Stackable after	3 - 4 h ; 16 h / 20 °C
Complete drying	16 h / 20 °C

>Application

Application	Nozzle size in mm	Spray pressure in bar	Atomising pressure in bar
Spraying			
Air mix	0,28 - 0,33 mm	60 - 100 bar	1,0 - 2,0 bar
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. When directly coating cleaned or sanded foils, please apply a test coat to check the bonding! 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 filler RSP 94520-9343

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

>Technical data

Flow time (+/- 15 %)	28 s / DIN 53211 - 6 mm
Density series kg/l	1.185
Form of delivery	fluid
Non-volatile content series %	54
VOC EU %	45 %
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)	120 g/m ²
Amount per layer (max)	150 g/m ²
Total application volume	300 g/m ²

>Ordering information

Order number	Colour tone	Gloss level	Container Size
RSP 94520-9343	WEISS	dull matt	20 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

>Equipment cleaner

Order number	Product description	Container Size
RV 1	Cleaning thinner	5 l, 15 l, 25 l

>Particular instructions

Prior isolation, such as with DG 4720-0001 / DG 572-1, is required on MDF edges. Can be coated over after sufficient drying time and following sanding as per regulations, e.g. with RSB 9628x(gloss level)-(colour tone). Up to 5 % of retarder RSV 9994 can be added as required.

>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!

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>Particular properties and/or testing standards

Test standard / basis	Testing laboratory	Mark	Report	No.
Toy safety DIN EN 71-3 (2014-12)	LGA		Test report	0003245263/30 AZ 296630

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 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.