

REHAU S920/S921
TECHNICAL GUIDELINES
REPAIR / CLEANING / MAINTENANCE



REHAU S920/S921

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1. REPAIR

Damage caused by mechanical forces on white profiles can be rectified by different methods:

1.1 Repair with Reaction Resin

Most mechanical damages and operation mistakes in drilled holes, millings etc. can be repaired with a so-called reaction resin. This resin consists of two components and must be mixed before application. After the resin has been applied and has hardened, it is necessary to sand down the repaired, damaged area. Orbital, and belt sanders or angle grinders can be used for this purpose. The required grain size of the abrasive medium depends on the method and speed of sanding and must be chosen to match this. In general, the grain size for coarse sanding is between 150 and 200 and for fine sanding between 240 and 400. Silicone carbide is particularly suitable as an abrasive due to the evenness of the grain size and structure. The repaired area should be kept as small as possible. Finally, the roughened surface must be smoothed by polishing with a sisal wheel to achieve the initial degree of gloss.

1.2 Repair with Welding Rod

Damage caused by mechanical effects on white profiles can also be rectified using a strip cut from a piece of waste profile (e.g. by cutting off the locking lip of a frame profile).

This strip is melted using a hot air gun to fill the damaged area. Final treatment of the repaired area as described in 1.1 is also necessary in this case.

1.3 Repair of uneven areas

Uneven areas and small scratches can be repaired by sanding as described in 1.1.

2. CLEANING

REHAU PVC window profiles are easy to clean and maintain due to their smooth surfaces. Common dirt such as dust and rain can be easily and quickly removed with normal detergents and lukewarm water. Sandy and abrasive cleaning agents and coarse scouring agents must not be used because these agents roughen the surface.

Dirt caused during the fabrication of the windows such as grease from the hardware or assembly markings (ball point pen, pencil) can also be removed with water and normal detergents.

The table on Page 2 provides information on the correct cleaning of the PVC windows.

Benzines and nitro thinners must not be used.

For further, specific problems with cleaning, consult REHAU.

3. MAINTENANCE

Regular maintenance is necessary to retain the function and serviceability of the window for a long period.

The following maintenance work should therefore be conducted annually:

- The hardware must be checked to ensure that it moves freely and is operable and all moving parts of the

hardware must be treated with a drop of oil or grease.

- The seals must be inspected and any damaged seals must be replaced.
- The drainage openings of the frame must be inspected and cleaned if necessary.
- The glazing must be inspected and any small deficiencies such as loose seal fibres etc. must be rectified.
- The surface must be examined and cleaned if necessary.

4. Ventilation

For hygienic reasons, it is essential to renew the air of a room, which has been polluted by usage, through sufficient ventilation.

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Table 1: CLEANING PVC WINDOWS

Type of dirt	Scrape with a elastic scraper and wipe dry	Wipe dry with a cloth	Wash off with water	Wash off with non-abrasive detergent or cleaning agent	REHAU PVC cleaning agent (Household) Art. No. 252280	REHAU cleaning agent (Industrial) Art. No. 252220
Aluminium dust	-	-	-	X	X	X
Pencil	-	-	-	X	X	X
Emulsion paint	X	-	-	-	X	-
Felt pen	-	-	-	X	X	-
Organic grease	-	-	-	X	-	X
Plaster	-	-	X	-	X	-
Fuel oil	-	-	-	-	-	X
Wood stain	-	-	X	-	-	X
Wood impregnating agent	-	-	-	-	-	X
Lime mortar	-	-	X	-	X	-
Putty	-	-	-	-	-	X
Adhesives	-	-	-	-	-	X
Linseed oil putty	X	-	-	-	-	X
Ball pen	-	-	X	-	X	-
Chalk marker	-	-	-	X	-	X
Rust	-	-	-	-	X	-
Soot	-	-	-	-	X	-
Ammonium chloride	-	-	X	-	-	-
Shellac	-	-	-	-	-	X
Drawing chalk	-	X	-	-	-	-
Wax (wax polish, candle wax etc.)	-	-	-	-	-	X
Wax crayon	-	-	-	-	-	X
Water stains	-	X	-	-	-	-
Cement mortar	-	X	X	-	X	-

Note:

X : possible to use

- : not recommended to use

The dimensions set out in this document are approximate dimensions. As regards tolerances, our conditions of sale exclusively apply. We therefore recommend you check if what is set out in this document is suitable for your envisaged technical solution.

We have no control over the ways in which our products are applied, used and processed and these are therefore your exclusive responsibility. Our warranty

therefore relates, in every case, to the consistent quality of our products in line with our specification according to our general conditions of sale, with which you are familiar. If despite this, the question of liability should arise, then this will be limited to all loss in respect of the value of the goods delivered by us and used by you. REHAU excludes any warranty and liability in respect of the use of any original parts, system parts and accessory parts other than those featured in our literature.