

1902 SEALING CAR 2K

TWO PACK SOUND DEADENER SEALING COMPOUND



Two-component



See warnings



Rigid bristles brush



Spray

Advantages

→ Protective, sound deadening and waterproofing

Description and Use

Two-pack polyurethane sealing compound, with excellent protective, sound deadening and waterproofing features. Creamy and thixotropic, it can be applied in high thickness on vertical surfaces without sagging or dripping. It has a closed micro-cell structure that resists compression and deformation, giving excellent shock and noise absorption. It also has excellent flexibility that remains over time, without detaching from the substrate even after long periods of intense vibrations.

Its excellent chemical stability makes SEALING CAR 2K resistant to the action of water, salt, solvents, hot oil, battery acid and chemical agents in general; it is also heat stable to over 100°C.

It can be overcoated "wet-on-wet" or, after drying, with any type of paint or enamel.

Good adhesion to iron, fillers, primers, old paints, fiberglass, rigid plastics.

If used over plated or galvanised steel and light alloys apply a first coat of an adhesion primer.

It is the best product to spray under the fenders and in the lower car panels as a high grade sound-deadener stone-chip compound, or to seal the joints of overlapping or spot welded plates, to avoid any stagnating water and prevent both water and air to get through.

In the industrial field it is used as an excellent antirust and sound-deadening protective compound for bonnets, gearboxes, screens, and all metal parts in contact with water or in chemical environments.

Product also suitable for nautical use.

Substrate preparation

Surfaces must be dry, clean, dust free and made slightly rough with sandpaper.

Application

Application method:

- Special spray gun for sound deadener compound
- Rigid bristles brush

Application method:

Weight 85 gr of the part "A" and 15 gr of the part "B" or their multiple into a can. Using the full original packages, pour all quantity of the can "B" into the can "A".

For spray applications, dilute by 10% or more with EXTRA PU THINNER item code 1611 or with ACRYLIC THINNER item code 1653, then mix thoroughly until obtaining a uniform mixture.

Do not use cellulose thinners because they contain alcohols or glycols which may cause the loss of hardening.

Use the cured and mixed product within 15-30 minutes, according temperature. After this time the product is no more sprayable cause the viscosity increasing, even if it is still pastry and workable with the brush.
To obtain a sealing ribbon, apply 2-3 cm distance from surface; when an application sound-deadener is requested, use a proper spray gun 20-30 cm and a pressure of 3-4 bar.

Recoating:

After 15 minutes with any kind of finishing products.

Storage life

It is recommended to keep the product away from light and water.

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 18 months. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	beige-grey-black
Appearance of the dry film	gloss, hard but flexible, textured
Type of product	2K with CATALIZZATORE per SEALING CAR code 4902
Binder	polyurethane polymer/isocyanate
Curing ratio	85:15 (weight of A /weight of B)
Pot-life	approx. 20 minutes
Specific gravity comp. A	1.43 kg/l (± 0.02)
Specific gravity comp. B	1.21 kg/l (± 0.01)
Viscosity	thixotropic
Indicative yield	according to the type of work and the applied thickness
Air drying	30-60 minutes, touch dry
	8 hours, through drying
EU limit value of VOC content (Directive 2004/42/EC)	Category B/e, SB: VOC max 840g/l product VOC < 250g/l
AFNOR NF T 36-005 classification	Family I - Category 6a
The data are measured at a temperature of 20°C.	

Warnings

- **The product contains synthetic polymer microparticles (SPM).**
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, solvents or thinners used for cleaning tools, as well as any product residues, **MUST NOT** be released into the environment or poured down domestic drains.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.

Warnings

- For professional use only.
- Always read the safety datasheet before use.
- Gun and tools cleaning must be done before product get harder, using any thinner. Possible crusts of hardened product can be taken away only by scraping off.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.