

Technical Data Sheet

PHONKILLER® 2026 D (210070)

Anti drumming compound based on dispersion

General:

PHONKILLER® 2026 D is a light beige anti drumming compound, free of halogen, based on a watery synthetic resin dispersion with good dampening characteristics, bonds firmly to the most primed and lacquered sheet metals. Prior to application we recommend making tests. Good adhesive force to vertical substrates is given. The cured material is not resistant to continuous humidity and water. If the material is exposed for short limited time to standing humidity, a reversible softening process occurs.

Application:

For dampening structure-borne noise of metal elements in wagon-building, motor cars and various machinery. The layer thickness of the anti-drumming material should be twice the metal sheet thickness. For corrosion protection a 2 component epoxy primer is necessary. The minimum dry film thickness should be 80 µm.

Specifications:

Colour:	light beige		
Odour:	slightly acidy		
Consistency:	pasty, sprayable		
Specific gravity:	wet	approx. 1,1 – 1,3	g/ml
	dry	approx. 1,2	g/ml
Content of solids:	approx. 70 %		
pH-value:	7 – 8,5		
Application temperature:	long-term	up to +120°C	
	short-time	up to +160°C	
Danger Classification:	none		
Thinner:	water		
Fire-behavior (DIN 5510, part 2):	S4 SR2 ST2 (Test report L20927B, Currenta Germany)		
Loss factor (DIN EN ISO 6721, part 3)	> 0,21 (Test Report M80 411/1, Müller-BBM, Germany)		
Fire-behavior (EN 45545-2)	complies with requirement set R1 and R7 for hazard level: HL1 – HL2 (Classification report No. 17/1066, Currenta, Germany)		

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Directions for use:

The handling of PHONKILLER® 2026 D is possible either with

Airless spray coat method (f.e. 049 variable spray valve Titan industries)

f.e. transmission ratio 55:1, volume per double lift = 300 cm³, max. pressure 330 bar, max. flow rate 7,5 l/min, max. air pressure 6 bar

or with

slurry pump

f.e. transmission 8:1, volume per double lift = 150 cm³, slurry gun RD 1/4" - ca. 6mm

or with

putty (by hand)

After longer storage time stir well prior to use. Under particular conditions PHONKILLER® 2026 D can be diluted with water. Subsequent smoothing of surfaces is possible. Application equipment can be cleaned after use with water as long as not dry. Application with air-less equipment is possible. Trials are recommended.

Due to the fact that PHONKILLER® 2026 D is based on watery dispersion, a corrosion protection is required. Grounds must be free of grease. Optimum processing temperature is +15 °C to +25 °C; the temperature of the ground to be applied should be minimum +15 °C to +20 °C. Drying time of a 3 mm layer wet material is finished after 24 hours depending on air-humidity and intensity of air-circulation.

The wet layer thickness should not exceed 4 mm in a single pass. If unfavorable conditions appear or the lamination strength is too thick (e.g. in edge zone), hairline fractures are possible. Subsequent varnishing with solvent-free paints on epoxy-, PVC- or synthetic resin basis can be done, but only if the layer is completely dry. We recommend running tests.

According to results PHONKILLER® 2026 D is non-ageing if it is not exposed to direct sun and to continuous humidity.

If splashes of water hit the cured layer, a swelling of the layer is possible, but, however, after drying the original condition is achieved again. PHONKILLER® 2026 D is not resistant to continuous humidity or standing moisture. Oil and petrol do not etch, but penetrate into the layer

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Storage:

- a) sensitive to frost
- b) Do not expose to direct sun
- c) Best storage temperature: +15 °C to +20°C
- d) Prior to use stir well
- e) Storage time: 9 months

Safety advice:

Please observe the safety data sheet

Advice:

Our technical advice on usage, both verbal and written, as well as by testing's is given to the best of our knowledge. However, the responsibility still rests with the buyer to carry out personal tests on the goods delivered to ensure their suitability for the envisaged use. The processing, use and the application of our products is beyond our control and is the responsibility of the user. We reserve the right to change the formula of the product for the benefit of technical advancement, provided there are no changes to the above specifications. Our technical advisory service is available to answer any questions that should arise on the handling and usage of the above product. This advice cancels all previous notices on this product, should they have been different.

revised: 02.05.2018