

Technical Data Sheet

PHONKILLER[®] 2026 D (210081)

According to DIN 4102, B1 „General building supervision approval No. Z-56.212-1212“
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.

PHONKILLER[®] 2026 D is compliant with the REACH regulation (EG) Nr. 1907/2006/EG and contains no substances of very high concern.

Application:

For anti drumming of thin metal – building panels for structural-facings sector.
For dampening structure-borne noise of metal elements in motor cars and various machinery.

PHONKILLER[®] 2026 D is in the application as anti drumming compound on metallic substrates a low flammability building material (DIN 4102-B1).

It is allowed to apply PHONKILLER[®] 2026 D on reverse sides of metal elements which are used for „behind ventilated“ outside wall facings.

According to the „General building supervision approval No. Z-56.212-1212“ the regulations for the execution must be observed. The thickness layer on metallic substrates has to be at least 2,5 mm to maximum 5,0 mm dried thickness.

PHONKILLER[®] 2026 D can be used as hard inflammable surface material on board of maritime vessels. For this application the maximum thickness is 4,0 mm.

Low flammability surface material regarding *IMO Resolution MSC.307(88): Requirements of IMO 2010 FTP Code, Annex 1, Part 5 for on surface materials for bulkhead, wall and ceiling linings are fulfilled (Test report No. 16/1412-1)*. U.S. Voast Guard Approval No. 164.112/EC0736/118.407

PHONKILLER 2026D fulfills as surface material on steel sheets (thickness ≤ 2 mm and surface weight $\leq 2,4$ kg/m²) the requirements for the fire classification **DIN 4102 – A2** (Test report 902 9979 000).



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Specifications:

Colour:	light beige		
Odour:	slightly acidic		
Consistency:	pasty, sprayable		
Specific gravity:	wet approx. 1,1 – 1,3	g/ml	
	dry approx. 1,2	g/ml	
Content of solids:	approx. 66 %		
pH-value:	7 – 8,5		
Application temperature:	long-term up to +120°C		
Danger Classification:	none		
Thinner:	water		

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)

The product should be stirred well prior to use. Under particular conditions PHONKILLER[®] 2026 D may be diluted with water. Subsequent smoothing of surfaces is possible. Utensils can be cleaned with water as long as not dry.

Due to the fact that PHONKILLER[®] 2026 D is based on watery dispersion, a corrosion protection is required. Grounds must be free of grease. The best processing temperature is +15 °C to +25 °C, the temperature of the ground to be applied should be at least +15 °C to +20 °C.

Drying process of a 3,0 mm layer wet material is finished after 24 hours depending on air-humidity and air circulation.

After drying PHONKILLER[®] 2026 D may be covered with a varnish. Because a variety of paints are available, we recommend running tests before use. In this case a low inflammable test according to DIN 4102, B1 is required.



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The wet layer thickness should not exceed 4 mm in a single pass. If drying conditions are contrary or layers are too thick (e.g. at edges), hairline crackers may occur.

According to previous results PHONKILLER[®] 2026 D is non-ageing if it is not exposed to direct sun and to humidity for a long time. 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 wetness. Oil and benzene do not etch, but penetrate into the layer.

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: 6 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.

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