



Phonkiller® 2094 II CL (230010/230020)
 Sound-absorbing compound based on two components

General

PHONKILLER® 2094 II CL is a two component sound-absorbing compound, based on a synthetic resin dispersion for thick-walled sheets and steel constructions. Because of good stability thicker layers may be applied in a single pass. An optimum sound-absorbing effect is achieved at a coating of twofold the sheet thickness. The curing process is effected by chemical reaction.

Application fields

For dampening structure-borne noise in vehicle constructions, for thick-walled motor-foundations and sheet steel parts.

Technical data

Colour:	Component A: yellow Component B: blue Mixing A : B = green
Odour:	specific odour
Consistency:	both components: pasty
Specific weight:	1,3 g/ml
Solids:	100 %
Mixing-ratio:	A : B = 1 : 0,7 (parts of weight)
Consumption per m ² /mm:	0,76 kg Component A 0,54 kg Component B } 1.3 kg
Thinner:	none

Application

Component A and B are mixed together homogeneously until a green colour is visible. The temperature of the components should be +10° C to +20° C. If the temperature is lower, the curing reaction is running more slowly. Mixing bigger formulations mixing-utensils with low number of revolutions (max. 250 rpm) have been proved. Smaller formulations may be mixed with a spatula by hands.

The pot-life is dependent on the temperature and quantities. At a temperature of +20 °C the reaction of a 200-g-formulation is finished after approx. 90 minutes. Remark: The larger the quantity, the shorter the pot-life.

Using larger formulations it is advisable to apply the reaction resin mixture immediately on to the substrate to be coated. The substrate must be clean, dry, free of rust and grease. A primer is not required. During application wear suitable protection gloves and protection glasses.

Properties of cured substance

Thermal strength:

- a) short-term until 130°C
- b) long-term stress up to approx. +80°C

Loss factor:

d = approx. 0,1 at +20 °C in twofold sheet thickness

Storage:

- a) Optimum storage temperature: +10 °C to +20°C
- b) Do not expose to direct sun!
- c) Maximum storage time in original units: 6 months
- d) Store dry and protect against humidity

Packaging:

- a) Small units:
Component A: 10 kilos net
Component B: 7 kilos net
- b) Cans:
Component A: 40 kilos net = 41,5 kilos gross
Component B: 40 kilos net = 41,5 kilos gross
- c) Drums:
Component A: 250 kilos net = 268 kilos gross
Component B: 250 kilos net = 268 kilos gross