

# Data sheet

## PROTECT BK 2K (concrete adhesive)

Solvent-free epoxy-based concrete adhesive



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article number:	040100
article group:	308 - Betonkleber (1K + 2K)
GTIN:	4251689515064
customs tariff number:	38249993
packing unit:	Can
sales quantity unit:	1 Kg
weight per:	Can = 1.2 kg
material:	epoxy resin
colour:	grey
consistency:	pasty
	density: approx. 1,90 g/cm <sup>3</sup>
usage:	approx. 1,9 kg/m <sup>2</sup> /mm layer thickness
temperature of application:	+ 10 °C up to + 30 °C
	Termperature of element minimum + 3 °C over dew point
setting time/ application time:	at 50 % air humidity
	20 - 30 minutes (30° C)
	40- 60 minutes (20° C)
	90-120 minutes (10° C)
	Duration ( full mechanical capacity )
	(at 50 % air humidity)
	7 days (20° C)
	10 days (10° C)

test/ certifications: Report MFPA Leipzig

UB 5.1/13-568

watertightness:	7 bar
packaging:	1 kg combination can
	0.5 kg component A
	0.5 kg component B
mixing ratio:	1:1 ( weight )
subsoil:	concrete, WU concrete
	mini. 28 days old
consitution of the subsoil:	dry, handy without dust,
	free of separatives substances like oils, fats etc.
resistances:	seawater and sewage water,
	bases,diluters
	acidities mineral oils,
	lubricants and fuels
	diverse dissolver
	further resistances on demand
tensile bond strenght:	> break of concrete
compression strenght:	approx. 75 - 80 (requirement= 100 % moistering)
bending tensile strenght:	approx. 30 N/mm <sup>2</sup> (requirement= 100 % moistering)
minimum durability:	use the material within 12 months after production
storage:	Store in undamaged and unopened original packaging in a dry place out of direct sunlight. Frost susceptible.



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disposal:

Disposal must be in accordance with the pertinent national and local regulations. Hardened materials may be disposed of with regular household/commercial waste. Cartridges containing residual paste must be treated as colour waste.

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## Basis

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out. Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control. The data in this data sheet only applies for the product delivered by us. The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

## Indication of law

The technical information reflects our current knowledge of PROTECT BK 2K (concrete adhesive). It is intended only as information for users. As we do not know the envisaged applications and processing conditions, it is the responsibility of the user to carefully check that the product is suitable for the intended purposes. Due to the different components at the installation site and the working conditions in place there, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product specifications or further developments. By providing this information MASTERTEC does not intend to infringe third party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.

## The previous data sheets are no longer valid

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