



ARDEX GF 900

2-K Bonding compound for grit and glass

- For highly water-permeable surfaces
- Passable
- High UV resistance
- Very high resistance to yellowing
- Also suitable for moist minerals
- Excellent for glass chips
- Wide range of designs



Area of application

Outdoors, floor.

Can be used for tree discs, paving and slab edging, surface coverings, lawn edging and splash protection strips. Suitable for light traffic loads, water-permeable for particularly wide joints.

Art

Two-component, solvent-free epoxy resin binder with special additives for the production of a water-permeable grit mortar.

Preparation of the surface

The substrate must be dimensioned according to the expected loads.

This means that the planned elevation, slope and evenness must be guaranteed. Any existing dirt must be removed without leaving any residue.

A bonded sand or split bed is required for pedestrian loads. The thickness of the split mortar should be 3 cm when compacted.

For pedestrian loads on unbonded base layers, the thickness of the grit mortar must be at least 4 cm when compacted.

Laying on a drainable concrete or mortar bed is required for loads from cars. The thickness of the grit mortar should be 5 cm when compacted.

With natural stone and concrete block coverings, contact between ARDEX GF 900 2-K Bonding compound for grit and

glass and the stone surface may cause visual changes, such as dark discolouration and/or staining, which may also be irreversible. Test areas should always be created!

Processing

ARDEX GF 900 2-K Bonding compound for grit and glass is suitable for producing a grit mortar with dust-free mineral materials in grain sizes of 1/3 mm, 2/4 mm, 2/5 mm, 5/8 mm, 8/11 mm and 8/16 mm. The contents of one unit can be used to bond a maximum of 25–40 kg of mineral material (depending on grain size) or max. 20 kg of glass grit.

It is essential to add the binding agent components to the mineral material separately and mix thoroughly. Then transfer the mixed material to a clean container and mix again. Do not add water! Do not mix components A and B in the packaging and do not shake!

Apply the prepared grit mortar to the base layer, spread with a shovel and wipe to the required thickness using levelling gauges. Then compact and smooth the surface.

The freshly laid surface must be cordoned off and protected from rain for at least 24 hours (at +20°C). The surfaces can then be walked on. The surfaces can be opened to traffic after 7 days. In principle, a strength test should be carried out before the surface is put into service.

ARDEX GF 900 2-K Bonding compound for grit and glass must be processed at temperatures above +8°C and below +30°C. Higher temperatures shorten, lower temperatures extend the processing and load times.

ARDEX Baustoff GmbH
Hürmer Straße 40
A-3382 Loosdorf
AUSTRIA
+43 (0) 2754/7021-0
+43 (0) 2754/2490
office@ardex.at
www.ardex.at

Manufacturer with certified
QM/UM system according to
EN ISO 9001/14001

25.09.2025

ARDEX GF 900

2-K Bonding compound for grit and glass

Material requirements overview:

(Quantity of chippings in kg that can be bonded with one unit)

Grit	Accessible for pedestrians	Car (max. 3.5 tonnes)
1/3	25.0 kg	25.0 kg
2/5	30.0 – 33.0 kg	25.0 kg
5/8	33.0 – 35.0 kg	-
8/16	35.0 – 40.0 kg	-

Please note

Practical experience has shown that there are mineral substances in which the binder used can cause special effects such as dark discolouration. Light-coloured mineral substances may show a slight yellowish discolouration. These phenomena result from contact between the ARDEX GF 900 2-K Bonding compound for grit and glass and the mineral substance and are not a sign of poor workmanship. It is therefore necessary to create a test area for critical types of stone. The test areas serve as reference areas.

When using ARDEX GF 900 2-K Bonding compound for grit and glass as a joint filler in combination with absorbent slab coverings, more pronounced and longer-lasting colour deepening may occur on the surface, which may also be irreversible. In addition, particularly absorbent slabs, such as granite and sandstone, may darken due to rising moisture from the bedding.

Physiologically harmless when hardened.

Note

The information in our safety data sheets must be observed.
For commercial use only!

Zusatzinformation

Handle with care during processing: avoid dust formation and release into the environment.
Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Mixing ratio	Specified by the container
Processing temperature	+8°C to +30°C
Substrate temperature	+8°C to +30°C
Walkable	After approx. 12 hours, with barrier and rain protection, open to traffic after 7 days
Water permeability	> 0.9 l/m ² /second

Material requirements

Material requirement approx.	Condition	Consumption
	For 25 - 40 kg mineral material (depending on grain size) or 20 kg glass chippings	1.25 kg

Application properties

Processing time approx.	40 Minute(s)
Application Ambient conditions	+20°C

Product details

Labelling according to GHS/CLP	Labelling according to GHS/CLP	Component
	See relevant safety data sheet See relevant safety data sheet	Component A Component B
Self-service regulation	2	
Labelling according to ADR	Component	Labelling according to ADR
	Component A Component B	See relevant safety data sheet See relevant safety data sheet
Packaging	1.25 kg cartons, consisting of 780 g component A and 470 g component B	



ARDEX GF 900

2-K Bonding compound for grit and glass

Storage

Can be stored for approx. 12 months in dry, frost-free rooms in the original sealed container.
Store in an upright position.
