



DECOFIX PRO

The chippings and gravel consolidator for professionals

A-JOINT® DECOFIX PRO is a very highly water-permeable 2-component special resin for professional binding of chippings and gravel. High strengths allow the application on surfaces with light traffic load.

A-JOINT® DECOFIX PRO fixes and strengthens public surfaces in general path construction, on park or cemetery paths as well as playgrounds. The high-strength special resin is also suitable for tree borders and bench edgings, ensuring a neat appearance.

The slip resistance of surfaces treated with A-JOINT® DECOFIX PRO minimises the risk of falls. At the same time, it reduces the maintenance costs of the surface by making cleaning much easier.

Colour examples:



Nero Ebano (8-12 mm)



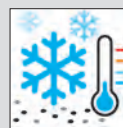
Bordeaux (8-12 mm)



Alpen Kalk (8-16 mm)

Properties:

- High strength for light traffic loads
- Ideally suited for public areas
- For grain sizes from 2/5 mm to 32/45 mm
- For surface depths from 30 mm
- Perfectly suitable for path construction
- Not suitable for light-coloured stone



Frost and de-icing
salt resistant



Very highly permeable to water



Traffic load 3 t



High pressure cleaner resistant

Processing instructions

Prepare:

The surface must be cleared of weeds, roots and loose parts to a depth of at least 30 mm. depth. As a general rule, the layer thickness should be three times the largest grain of the stone used. To avoid settling, we recommend a permanently water-permeable and load-bearing subsoil according to the later load. The additional use of a weed fleece is recommended. Adjacent areas should be masked or covered to prevent soiling by the fresh binder.

The stone used (2-32 mm) must be dust-free and completely dry.

Should cleaning and drying be necessary, allow sufficient time before processing. Attention! Moisture in the mixture can significantly affect the strength. It is recommended to store the bottle in a warmer environment before processing. This makes emptying much easier.

Mixing:

Fill the chippings/gravel into a suitable mixing container. We recommend using a compulsory or free-fall mixer. Start the mixing process and now add the contents of the bottle containers completely. Make sure that the bottle containers are completely emptied. The entire mixing process should take at least 6 minutes until the stones are completely wetted with the binder.

Processing:

Pour the finished mixture onto the prepared surface and spread it with a clean shovel. Then level the surface with a levelling rod. Now compact the surface with a smoothing trowel and level the surface at the same time. The better the surface is compacted, the more durable it will be.

After-treatment:

Protect the freshly planted area from rain for at least 24 hours. We recommend using construction sheeting or tarpaulins as rain protection. These must not be placed directly on the surface. At temperatures around 20°C, the surface can be walked on after 24 hours and driven on after 6 days. For heavily used surfaces, the construction height should be at least 50 mm.

A strength test is always recommended before use. Cleaning work (high-pressure cleaner max. 100 bar, min. 40 cm distance) may be carried out after 7 days at the earliest. If necessary, the upper stone layer can be additionally sealed. For this purpose, apply A-JOINT® DECOFIX PRO thinly (150 - 250 ml/m²) to the clean and dry surface with a brush or paint roller.

Resin film: A-JOINT® DECOFIX PRO leaves a thin resin film on the stone surface, which intensifies the colour of the stone used (wet-look effect) and protects it from soiling. The resin film usually disappears over time due to weathering and use of the surface. If in doubt, create a small test area. The synthetic resin film is not a design defect, as neither the quality nor the functionality of the surface is affected.

Application notes: Use A-JOINT® DECOFIX PRO only with a stable, load-bearing and permanently water-permeable substructure or a slope of at least 2%. Plan for expansion joints and consider sufficient distance to plant stems (growth). Please wear adequate protective clothing. Work shoes and tools must be free of dirt and should be cleaned with water after application. Regularly remove dirt, leaves and moss from the surface. Our information is based on years of experience and the current state of the art, but is non-binding and does not constitute a contractual legal relationship.

Technical data:

System:	2-component epoxy resin
Working time at 20°C:	ca. 30 minutes
Working temperature:	> 0°C, max. 30°C
Release of the surface at 20°C:	can be walked on after 24 hours, can be driven on after 6 days
Delivery form:	3 kg drum
Shelf life:	24 months, store in a dry, frost-free place and protect from direct sunlight
Compressive strength:*	ca. 14,6 N/mm ² (construction site value)
Flexural strength:*	ca. 4,9 N/mm ²
Density:*	ca. 1,6 kg/dm ³
*Mixing ratio 1:50, filler basalt chippings 2-5 mm, washed and dry	
Water permeability:	very strong, depending on chippings/gravel size

Consumption table:

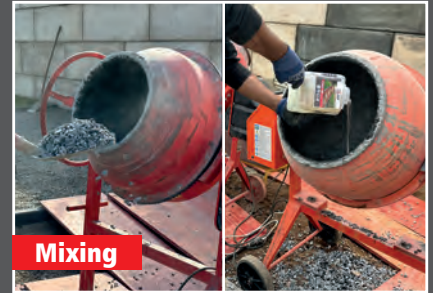
Decorative surfaces: 3 kg A-JOINT® DECOFIX PRO to 75 kg chippings/gravel

Material	Density	Layer thickness	Material quantity	Quantity binder
Basalt chippings 2-5 mm	1800 kg/m ³	3 cm	54 kg/m ²	2,1 kg/m ²
Granite chippings 8-12 mm	1440 kg/m ³	4 cm	58 kg/m ²	2,3 kg/m ²
Round gravel 16-32 mm	1700 kg/m ³	10 cm	170 kg/m ²	6,8 kg/m ²

Car load: 3 kg A-JOINT® DECOFIX PRO to 50 kg chippings/gravel

Material	Density	Layer thickness	Material quantity	Quantity binder
Basalt chippings 2-5 mm	1800 kg/m ³	5 cm	90 kg/m ²	5,4 kg/m ²
Granite chippings 4-8 mm	1610 kg/m ³	5 cm	81 kg/m ²	4,9 kg/m ²
Granite chippings 8-12 mm	1440 kg/m ³	5 cm	72 kg/m ²	4,3 kg/m ²

All consumption values are approximate values that have been calculated based on experience. The actual consumption can deviate due to natural fluctuations, the application technique and surface conditions.



Mixing



Distribute



Levelling



Carefully compact



Finished

Videos on: [YouTube](#)

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