weberfloor 4763N epoxy matt sealer

- Environmentally friendly
- Solvent-free
- Convenient to work with
- Low odour
- Results in even surfaces
- Reduces the gloss
- Adds pleasant appearance to the coatings. Very economical

About this product

weberfloor 4763N epoxy matt sealer is a 2-component water-dilutable and according to the AgBB low-emission epoxy resin sealer.

weberfloor 4763N epoxy matt sealer is used as a clear, matt top coat for reactive resin coatings. weberfloor colour flakes (flakes) may be added.

weberfloor 4763N epoxy matt sealer can be used as a covering pigmented sealer on epoxy resin coatings.

The top coat result in even semi-matt surfaces, adding an even nice appearance. "Mirror effects" of glossy coatings will be considerably reduced.

weberfloor 4763N epoxy matt sealer may replace sealers containing solvents in many areas which offers convenient to work with and environmentally friendly alternative materials. Use short piled rollers (lint-free velour roller) carrying out criss-cross strokes. Aligned curing results in even surfaces.

weberfloor 4763N epoxy matt sealer show good adhesion on many substrates. After adhesive tensile testing the sealer may be used on older substrates as well.

The product cures by drying and chemically cross-linking resulting in a sturdy consistent film with good adhesion. Completely cross-linked coatings are resistant to many chemicals, especially to water, salts, aqueous acids and alkalis, oil as well as many different solvents. weberfloor 4763N epoxy matt sealer has been tested according to the AgBB-testing at the LGA QualiTest GmbH in Nuremberg (FRG) and have been classified as extremely low emission.

Note: Sealed surfaces offer only limited resistance to mechanical load. Material handling equipment may affect or destroy the sealer. Limited extent usage. In very or frequently wet areas, as well as areas exposed to chemicals, sealers containing solvents would be more appropriate.

Product specification	
Material consumption	0.120 - 0.180 kg/m² for each application
Mixing ratio A:B	A : B = 2 : 3 parts by weight. A : B = 100 : 156 parts by volume.
Application temperature	Minimum 15 °C / 59 °F - Maximum 30 °C / 86 °F (room- and floor-temperature)
Flash point	Not flammable according to DIN 51755
Pot life (Operating time)	65 minutes at 15 °C / 60 minutes at 20 °C / 45 minutes at 30 °C
Waiting time between operations	After 18 - 24 hours, but not longer than 48 hours at 20 °C / 68 °F
Curing time	24 - 36 hrs at 15 °C / 18 - 24 hrt at 20 °C / 14 - 18 hrs at 30 °C
Curing time for light traffic load	2 - 3 days for mechanical load at 20 °C / 68 °F
Curing time for full traffic load	7 days for chemical resistance at 20 °C / 68 °F
Density	Components A + B 1.07 kg/l according to DIN EN ISO 2811-2 (20 °C / 68 °F)
Viscosity	Components A + B 650 - 800 mPas according to DIN EN ISO 3219 (23 °C / 73.4 °F)
Dry content (part by volume)	> 40 weight-%
Color	Clear
Storage conditions	12 months (originally sealed) – Protect from frost! Store in dry and at frost-free conditions. Ideal storage temperature is between 10 - 20 °C / 50 - 68 °F. Bring to a suitable working temperature before application. Tightly reseal opened containers and use the content as soon as possible.
Package	Combi-Bucket 10 kg

Area of use

- weberfloor 4763N epoxy matt sealer is used as a clear matt-sealer on high-quality decorative and industrial epoxy coatings.
- weberfloor 4763N epoxy matt sealer is used as a covering matt-sealer on high-quality decorative and industrial epoxy coatings.
- As matt-sealer on water vapour permeable coatings with or without weberfloor colour flakes (flakes) added.

Substrate

The substrate to be coated must be dry and free of any kind of dirt. Usually sealing is the final coat. Watch that prior coats are not soiled already. The optimum point-of-time for sealing is reached when the prior applied epoxy resin coating has cured to a sufficient stable film but not cured completely yet. Apply at 20 °C / 68 °F air-and floor-temperature after 12 hours at the earliest but not longer than 36 hours for usual systems. Note the recommendations. When sealing after the recommended point of time conduct a trial for sufficient adhesion. Even cured coatings may be sealed because of the good

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adhesion of the material. Required is an accurate cleaning and grinding of the surface. On old surfaces conduct pre-trials. For a change in colour tone apply at least 2 coatings. Weakly covering colours like yellow and white may require further applications.

To know before applying

To remove fresh contamination and to clean tools, use water immediately. Hardened material can only be re-moved mechanically.

Mixing

Combi-trading units will be supplied in the correctly measured mixing ratio. Component B has sufficient volume for the entire trading unit. Decant component A into the hardener. For partial withdrawals stir up the single components first and then withdraw the correctly measured amount of the single component. Blend with a slow speed mixer (200 - 400 r/pm) for at least 2 - 3 minutes, for a material that is homogeneous and free of streaks. To avoid mixing errors, it is recommended to principally empty the resin/hardener-mixture into a clean container and mix briefly once again.

Processing time max. 60 minutes at 20 °C / 68 °F (see chart "Processing time").
Note: End of pot-life is not visible!

Work instructions

Process the material immediately after mixing as with all other reactive resins. Apply with a lint-free velour roller. Divide working areas to avoid duplicate application and overlaps. For larger areas it is recommended that 2 or more people apply the material. One or more workers apply the material in one direction another person distributes the fresh material in a 90°- angle.

Use a 50 cm wide roller on larger areas. Roller should be coated with the material. Use only for distribution not for application. For sealing work keep within the work rhythm - criss-cross rolling may not be carried out too late. Use spiked shoes on larger areas. Always work "fresh-in-fresh" and watch for an even distribution. Avoid ponding otherwise clouding or blooming may occur. Pay attention to a clean surrounding area. Use rollers suitable for sealing. Enter the area with clean shoes only. Note the recommended drying conditions during curing!

Floor- and air-temperature must not fall below 15 °C / 59 °F and/or humidity must not exceed 75 %. The difference in floor and room-temperature must be less than 3 °C / 37.4 °F so the curing will not be disturbed. If a dew-point situation occurs adhesion may malfunction, curing may be disturbed and spotting may occur. Avoid exposure to water and chemicals within the first 7 days. Curing time applies to 20 °C / 68 °F. Lower temperature may increase, higher temperature may decrease the curing and application time. If working conditions are not complied with, deviations in the described technical properties may occur in the end product.

Coating

Cleaning and maintenance of sealed coatings

For cleaning note the recommendations for care and maintenance. For the warranty of interlayer adhesion do not apply any care products on aqueous sealers within the first 7 days (20 °C / 68 °F).

In special cases, especially with vibrant colours, the cleaning might cause a loss of colour. This can be avoided by laying an additional layer transparent sealing, weberfloor 4763N epoxy matt sealer. If necessary, ask for a consultancy.

Please observe

The product is subject to the hazardous material-, operational safety-, and transport-regulations for hazardous goods. Refer to the DIN-Safety Data Sheet and the information on the labelled containers!

GISCODE: RE 1

Disclaimer

As there are different conditions at every opportunity, Weber can not be held responsible for anything other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.

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