

Epideck EP Champagne

Flow Applied Epoxide Terrazzo

Description

Highly decorative and heavy duty floor topping designed to be laid with the minimum effort to provide a dense monolithic terrazzo surface which is easily maintained and exhibits good chemical and abrasion resistance.

Suitable for areas subjected to heavy pedestrian and vehicular traffic such as production areas, laboratories, show rooms and a wide range of industrial applications.

Advantages

- Smooth surface without joints facilitating easy cleaning
- Excellent general chemical resistance
- Hard wearing, abrasion resistant topping
- Excellent bonding characteristics enabling it to be laid on concrete
- Suitable for all pedestrian, vehicular and forklift traffic

Technical Information

Compressive strength	60 N/mm ²
Adhesion bond strength to concrete	>2.0 N/mm ² (Concrete Failure)
Application Temperature	5-35°C
Pot life	50 Minutes
Initial Hardness	24 Hours
Full Cure	7 Days
Yield	12 Litres per 25kg

Note: All testing performed under lab conditions, 20°C.

Chemical Resistance

Epideck EP provides excellent chemical resistance. Where the screed is laid in areas which are frequently under chemical attack the system should be sealed using an appropriate sealer.

For further advice please contact Nufins technical department.

Surface Preparation

All surfaces should be clean, dry, free from oil, grease and chemical contamination. Oil and grease can be removed using Desolve. Concrete surfaces should be free from laitance which should be removed by grit blasting or scarifying. If it is not practical to grit blast or scarify, it is possible to acid etch the floor with Chemclean. It is recommended that concrete substrates should not have a moisture content of more than 75% RH. This can be assessed using a hair hygrometer covered with polythene for 24 hours as recommended by BS 8203. On highly polished/power floated floors, mechanical preparation or acid etching will be necessary.

Priming

Epiprime should be used. Mix Epiprime in the correct proportions and mix thoroughly. Once mixed this should be applied to the substrate by brush or roller. If the Epiprime is totally absorbed the substrate should be re-primed. The Epideck EP should be applied between 15 minutes and 3 hours while the Epiprime is still tacky.

Pot life	60 Minutes
Coverage	6-8 m ² /kg

Mixing

The Epideck EP base and hardener components must be thoroughly mixed with a slow speed drill with a suitable paddle. In cold conditions the materials should be stored between 10°C and 20°C in order to aid mixing. Once the base and hardener are thoroughly mixed they should be transferred to a suitable forced action mechanical mixer and the aggregate added slowly. Once all the aggregate is added mix for a further 3-4 minutes till a homogeneous mix is obtained.



Application Instructions

The floor area can be divided into strips one metre wide with timber laths the thickness of the required screed. The Epideck EP is then laid in strips and worked into previously laid sections and then allowed to harden. The mixed Epideck EP should be raked evenly over the primed surface and be tamped to ensure complete consolidation, then finished with a float kept clean by wiping with a cloth dampened with Nuwash. When applied an allowance must be made for the material which will be ground away to produce the terrazzo finish, typically 1-2mm.

Expansion joints in the floor must be maintained and filled with an appropriate joint sealant.

In wet areas where Epideck EP is to be subjected to aggressive chemical attack, it is recommended that the surface be sealed with an appropriate clear sealer for added protection. All tools and equipment should be cleaned immediately after use with Nuwash.

Packaging

Epideck EP is available in 25kg units.

Epiprime is available in 2.5kg units.

Storage

The shelf life of Epideck EP is 12 months when stored unopened in dry, normal conditions and away from direct sunlight.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Limitations

Minimum application temperature is 5°C. It is recommended that concrete substrates should not have a moisture content of more than 75% RH.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.