

Product information
EPOMIT-H®
Edition 01/01/2016

PRODUCT TECHNICAL DATA SHEET



EPOMIT-H®: Epoxy resin, acid resistant mortar for fixing and joining ceramic stoneware tiles.

1. PRODUCT DESCRIPTION

EPOMIT-H® is a two component mortar based on a water-emulsifiable epoxy resin with selected silica loads. It does not contain solvents. It is used for rigid sealing joints in wall and floor tiles, both indoors and outdoors, and is especially suitable for the food industry, laboratories, kitchens, slaughterhouses and facilities where their conditions of use, work and cleaning, required.

EPOMIT-H® is waterproof and has a good chemical, mechanical strength and thermal hardening is relatively rapid, seamless and virtually no shrinkage. It has excellent adhesion and you can add thixotropic fillers (mica powder) for vertical application and ceilings.

EPOMIT-H® has been classified by APPLUS+LGAI as RG in accordance with standard UNE-EN 13888:2003.

2. PRESENTATION

EPOMIT-H® is always supplied freshly prepared to prevent as much as possible, the sedimentation of its compounds, making it easier to stir it until it is completely homogenised, in 20 kg pre-dosed sets comprised of 2 components: 19 Kg. of component A + 1 Kg. of component B. It is supplied in natural, medium grey and black colours. Consult us regarding other colours.

3. CONDITION OF THE SUPPORT

Before applying the product, we must ensure that the inside of the joints are clean, dry and free of loose particles and that the mortar of the tiles, is also completely hardened and dry.

4. USAGE INSTRUCTIONS

Using a low speed mixer, first, mix the contents of component A in its own container and when the mixture is completely homogenized, add all the contents of the component B container and continue mixing until they are completely mixed together.

Once both components are well mixed, apply the putty using a 10 or 12 cm wide metal spatula, pressing towards the inside of the joints to ensure they are completely filled. After 8 or 10 minutes have elapsed, the first cleaning is carried out

using a “Scotch-Britte” type of pad dampened in water, able to be tempered especially in winter, and rub in a circular motion being careful to not remove the putty from the joints until the excess resin is removed and then level the resin mortar on the joints with the edge of the tile. Subsequently, a second cleaning will be carried out using a “Spontex” type cloth that is lightly dampened in clean water to wipe the tiles and their joints until the surface is clean and smooth.

It is very important that the cloths and tools are washed frequently during the cleaning with hot water before the product hardens. Once hardened, the surface can only be cleaned using mechanical methods.

5. TECHNICAL DATA AND CONDITIONS FOR APPLICATION

Application temperature	From +8 to + 30° C (optimum at 20° C)
Temperature of the support	From +8 to + 30° C
Relative humidity	< 80 %
Workability time at 20° C	30 minutes approximately
May be walked on at 20° after	24 hours have elapsed
Completely hardened at 20° C	7 days
Minimum hardening temperature	8° C (very slow hardening process)
Thermal resistance	From -30 to +100° C
Resistance to constant humidity	From -30 to + 70° C
Density at 20° C approx.	1,9 g/cm ³
Conservation	It can be stored for more than one year in the unopened container in a dry place at room temperatura ambient.
Approximate consumption for sealing joints between tiles	2,3/2,7 Kg./m ² for 5/6x20 mm joints with 240x115x20 mm tile

6. CHEMICAL RESISTANCE

Check in each case, but serve as guidance the following information.

Acids and alkalis	Very good resistance
Solvents	Very good resistance
Industrial detergents	Very good resistance
Fats and oils	Very good resistance
Petrol	Very good resistance

7. SAFETY AND HYGIENE INSTRUCTIONS

In order to get information and safely use EPOMIT-H[®], you can consult the most recent revision of the product Safety Data Sheet, in accordance with regulation REACH (CE) N° 1907/2006 and United Nations organization agreement ADR 2015, on our website www.proaplitec.com or send an e-mail request to info@proaplitec.com.

8. TESTS AND CERTIFICATES

EPOMIT-H[®] has been classified by APPLUS+LGAI as RG, as per a test conducted using standard UNE-EN 13888:2003 as per a test conducted using standard n° 09/996-3012.

Said test and certificate can be accessed from our Website www.proaplitec.com or they may be requested by sending an e-mail to info@proaplitec.com.

Note: The indications and technical information that appears in this technical sheet are based on our current experience and knowledge and the most common uses and applications for the product; therefore, these shall be used as a guideline since they may be subject to change depending on the actual conditions at the worksite. Our guarantee only covers defects relative to the manufacturing quality of the product, as long as the product is stored, handled and used as intended; and any other claim is excluded. The components that comprise the described product are subject to changes and modifications without prior warning as long as these do not modify the characteristics described in this sheet. For any additional information that is required, we are available to personally advise you regarding your specific case.

Proaplitec®

Proyectos de Aplicación y Técnicas Constructivas, S.L.

Calle de la Riera, 15, bajos

08440 CARDEDEU (Barcelona)

Telephone +34 938454052 - Fax +34 938454051

info@proaplitec.com

www.proaplitec.com