

PLASMET

Genmend

Product reference: 5/01

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Product title: Genmend

Valid from: 16th September 1997

Last reviewed: May 2018

Type

A polyamine cured general purpose two pack epoxy putty.

Suggested use

A general purpose filler, repair compound and adhesive, with excellent bonding to many types of surface.

Health & safety

Warning: When using this product, safety precautions should be observed. Do not ingest. Protective clothing and goggles should be worn. Read safety data sheet before use.

Surface preparation

Surface should be free from oil, grease and should be roughened to obtain a suitable key.

Application equipment

Short haired stiff brush, trowel, float or similar tools.

Application

Apply to any desired thickness.

Mixing ratio / mixing

7:1 base to activator by weight. Remove lids from both components A-Activator and B-Base and scoop out all of component 'A' putting into component 'B'. Mix thoroughly ensuring that no unmixed material remains. Remove all mixed material from base tins and re-mix on a clean flat surface or shallow receptacle. After mixing, the material remains usable for a limited period dependent upon temperature, after which time application becomes difficult.

Pot life

Variable with temperature and mass, but approximately:

21°C 45-55 mins (70°F)

29°C 35-40 mins (85°F)

38°C 20-25 mins (100°F)

Packaging

1 kg (2.2 lbs) & 5 kg (11 lbs).

Storage life

2 years minimum in unopened tins, stored at 5°C-40°C.

Colour availability

Grey

Specific gravity

1.3 gms/cc.

Flash point

In excess of 100°C (212°F)

Catalyst type

Polyamine.

Chemical resistance

Good.

Abrasion resistance

Good.

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Mechanical strength

Excellent.

Cleaning solvent

Xylene, Toluene, Methyl Ethyl Ketone.

Cure time

Variable dependent upon film thickness and substrate, but approximately 6-7 hours for full cure. However, material may be usable in service before full cure state is attained. The material will harden in relatively thin films within 2-2.5 hours. Should a second application of Genmend be required, this should take place over the first application within 18 hours.

Reviewed 10/2001 (No changes)
Reviewed 02/2014 (No changes)
Reviewed 05/2016 (No changes)
Revised 05/2018