

EM 4710 N 2 Component Epoxy Primer

Product description

EM 4710 N is a transparent 2 component Epoxy liquid. The 2 components are based on an Epoxy Resin and a hardener.

Field of application

EM 4710 N is used for Priming existing surfaces prior to application of floor screeds or toppings.

Especially designed for existing floors where moderate rising damp may occur.

EM 4710 N also binds the surface of the substrate enhancing the adhesion of subsequent coatings.

EM 4710 N may be used for filling cracks in the substrate up to 10mm in width and depth.

EM 4710 N is a system component of EM Industrial floor coatings.

Properties

- Excellent application properties
- universal epoxy
- high barrier effect against substrate residual moisture to 4 CM-%
- cost effective for larger areas
- low viscosity and good penetration
- binds substrate surface
- excellent chemical resistance
- Suitable for Interior and Exterior use

Technical data

Mixing Ratio:	2:1
Component A:	2 Parts by weight
Component B:	1 Part by weight
Material Consumption	
As a primer	> 300g / m ² first coat > 200g / m ² second coat
Working temp. range	
Air	10 - 45°C
Substrate	10 - 45°C
Pot Life	15 – 60 min (temp. dependant)
Drying time	8 hours
Foot traffic	24 hours

Acceptable Substrates

- Existing and new concrete floors
- Cement screed, calcium sulphate screeds
- magnesite flooring
- mastic asphalt
- Tiles
- Chipboard
- other substrates must be assessed on individual case

Substrate Preparation

The substrate must be firm, sound, dry be free of dust and impurities.

Adhesive tensile of existing substrates should be:

- > 1.0 N / mm² for residential
- > 1.5 N / mm² for commercial

Application Instructions

Note:

Only mix as much as you will need for the first coat.

Combine 2 parts epoxy resin with 1 part hardener and mix thoroughly for min. 10 mins using a power mixer.

Apply the EM 4710 N Epoxy primer using a roller and tray evenly to the floor.

Be generous with this first coat as the floor will absorb some of the primer.

Allow 24 hours before walking on.

Apply the second coat of 4710 N Epoxy primer using a tray and roller.

Roll the Primer in the opposite direction to the first coat to ensure complete coverage.

Whilst wet hand cast EZYMIX Key Sand evenly over the area.

After 24 hours vacuum any loose Key Sand from the floor.

The floor is ready to apply industrial floor system.

Tool cleaning

Clean all tools with paint thinners regularly during use of 4710 N.

Storage

Store in a dry well ventilated area

Protect from Sunlight

Store within temperatures 10 - 45° C

Shelf life is 24 months from date of manufacture

Packaging

Available in 10 kg packs

(6.67kg Comp A, 3.33kg Comp B)

Environmental notices

GISCODE: CP1

Product hardens when water is added and can then be disposed of as normal construction debris.

Documents

[Material Safety Data Sheet](#)

Environmental

Ensure containers are empty before recycling.

Ensure any residue is hard before disposing.

Do not let product enter drains.

Safety information

Ensure adequate ventilation during use

Product is flammable

Product is toxic to aquatic life. Do not let product enter waterways.

Consult Material Safety Data Sheet before use and always wear PPE.

Dispose of waste in an environmentally safe manner.

www.ezymix.co.nz