

Kemputty EP

Solvent Free Epoxy Based Putty

Description	Kemputty EP is a two components solvent -free epoxy putty, it's a medium viscosity and has a non-sag property, best for surface leveling and filling hair cracks prior to epoxy coating systems
Where to use	Kemputty EP is used in wide range of applications: • Fill the gaps between steel plates • For preparing tank edges and cover welding lines before de-bottoming for the tank's inner floors • Minor repairs and putty over concrete prior epoxy floor systems
Advantages	• Kemputty EP is a temperature resistance material • Bacteriological resistance • Chemical resistance - Refer to the chemical resistance table • Easy to apply • Can be worked in over-head applications
Properties	
Specific gravity	1.7
Solids content	100 %
Pot life @ 23 °C	60 minutes
Initial setting @ 23 °C	24 hours
Final setting @ 23 °C	7 Days
Adhesion to concrete	2.5 N/mm ²
Compressive strength	60 N/mm ²
Flexural strength	30 N/mm ²
Surface Preparation	Concrete substrate: • should be dry, clean and free from loose particles Steel substrate: • Sand blast, grit blast, or any other efficient method & ensure that all traces of rust are removed • Steel should then be primed by Kemprim M Please refer to PROKEM technical office for further details on surface preparation and application procedure
Mixing	• Kemputty EP is supplied in two containers, marked resin and hardener • The larger resin container is big enough to accommodate all the mixing necessary • Add all the contents of the hardener container to the contents of the larger resin container • The two components must then be mixed thoroughly until a uniform color is achieved, mechanical mixing for at least 3 minutes using a slow speed (300 – 500 rpm) electric stirrer is preferred • The putty is then ready for immediate use

Application	• Kemputty EP is particularly suitable for use at temperatures between 10 °C and 30 °C • Kemputty EP should be applied with a palette knife or plastic spatula. It may also be applied in the conventional way but this method may result in some wastage and more cleaning off may be necessary • Work in small areas, e.g. about 0.5 Sq.m at a time • Application time: About one hour
Cleaning	Tools and equipment's should be cleaned with special solvent immediately after use
Theoretical coverage	0.2 – 0.3 Kg/m ² (according to thickness and surface conditions.)
Packaging	Two pack (A+B): 5 Kg 20 Kg
Shelf life & Storage	• Kemputty EP has a shelf life of 12 months when stored at normal ambient temperatures in their sealed original containers • When stored for prolonged periods at low ambient temperatures, the resin component may tend to thicken • Warming to approx. 50 °C and stirring will restore to original consistency
Health and Safety	• Kemputty EP is non-toxic • Any splashes to the skin should be washed immediately with water • Splashes to the eyes should be washed immediately with water and medical advice should be sought
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current term of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products