

EPOLAC EPOXY MIO PRIMER TWO PACK

➤ **Scope**

Though an epoxy finish or primer has all the qualities of chemical resistance, in certain conditions an extra resistance to moisture/vapor permeability is needed. This property is provided by application of micaceous iron oxide (mio) coating (epoxy based) under finishing epoxy system. It is also known as a tie coat. The micaceous iron oxide is red oxide pigment with the shape of mica flakes. They float on the top of a medium like aluminium flakes, thereby preventing permeability of water or chemical vapors. (in water based paints, incorporation of wet ground mica is known for its quality of resisting moisture penetration).

➤ **Areas of Application**

Over normal epolac epoxy primer coating and under a finishing epoxy system. It is meant for metal only.

➤ **Surface Preparation**

Epolac epoxy mio primer can be applied directly on metal. However, it is better to apply over epolac epoxy primer redoxide or zinc phosphate to yield a prolonged life to the subsequent coating.

Abrade the well-dried normal epoxy primer film using 400 paper, wipe off all loose particles and before applying epolac epoxy mio primer ensure there is no oil/grease stains on the surface. If the surface is even slightly oily (due to handling) wipe off the dry surface with white spirit. It is a two-pack system.

➤ **Technical Data**

- APPEARANCE : Base : metallic grayish
Hardener : pale brown clear liquid.
- VISCOSITY : Base : thixotrope
Hardener : 20-22secs. Fc/4@ 30° c.
- MIXING RATIO : Base (3) : hardener (1) by volume.
- VISCOSITY OF THE MIX : Thixotrope : can be brushed easily.
For spraying a little epoxy thinner 055 is needed.
- DRYING TIME : Touch dry : 30 - 45 minutes
Surface dry : 1½ - 2 hrs.
Thumb impression free : 4½ - 5 hrs.
Hard dry : over night
- RECOATABILITY TIME : 4 – 5 hours
- POT LIFE : Six hours minimum.
- DRY FILM THICKNESS : 75 microns
- COVERING CAPACITY : 6.5 sq.mtrs./ltr.

EPOLAC EPOXY MIO PRIMER TWO PACK

➤ **Directions for Use**

Epolac epoxy mio primer should be applied preferably over epolac epoxy normal primer. The primer should be abraded with paper no.400 and all loose particles should be wiped off with rag pad. In case of any oil or grease stains, should be wiped off with white spirit. The base should be well stirred before mixing in correct ratio. Allow to “mature” for 15-20 minutes and start brushing. Though thixotrope, brushing can be done easily. If spraying is needed, use small quantity of epoxy thinner 055.

➤ **Notes**

Avoid painting during very high humidity (in excess of 80%).

Wash the gun or brush immediately after painting as otherwise the spray gun will get choked and brush will become hard.

➤ **Disclaimer**

The information contained within this data sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability for negligence which may be suffered by the user of the data contained herein. It is the users’ responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.