

BENZi 100 ETCHING PRIMER

One Pack Epoxy Etching Primer

BENZi 100 ETCHING PRIMER is a unique single pack fast drying epoxy etching primer which has excellent adhesion onto non-ferrous metals such as galvanized iron, aluminium, stainless steel and light alloys. It can be subsequently over-coated with a wide range of finishings such as alkyd, acrylic, epoxy, polyurethane, etc. It is used as an adhesion promoting primer over non-ferrous metals before application of topcoats onto the substrate.

Standard Packing : 1 litre, 5 litres & 15 litres

Technical Information

Binder : Polyvinyl-Butyral
 Finish : Soft Matt
 Color : Canvas Grey, refer BENZi High Performance Coating color card
 Thinner : Thinner
 Solid Content : 20% (by weight); 10% (by volume)
 Dry Film Thickness : 5 - 10 microns / coat
 Theoretical Coverage : 10 - 20 m² / litre / coat (actual coverage may vary from 20 – 50% due to loss factors such as surface profile, application method, dry film thickness, surrounding condition & etc)
 No. of coats : 1 coat
 Touch Dry @ 30°C : 15 minutes (depends on temperature and humidity)
 Recoating Interval : Minimum 4 hours
 Shelf Life : Minimum 12 months if properly stored

Typical Painting System

Substrate	Primer (1 coat)	Intermediate (1 coat)	Topcoat (1 - 2 coats)
Non-Ferrous Metal	BENZi 100 Etching Primer	BLUE-i Undercoat	BAOMA Gloss, Satin Enamel, Woodcolor/ BLUE-i Gloss 6600/BRUSH & ROLLER Gloss 9000/ BENZi Gloss, BENZITOP ATC 200
Non-Ferrous Metal	BENZi 100 Etching Primer	BENZi Micaceous Iron Oxide	BAOMA Gloss, Satin Enamel, Woodcolor/ BLUE-i Gloss 6600/BRUSH & ROLLER Gloss 9000/ BENZi Gloss, BENZITOP ATC 200
Non-Ferrous Metal	BENZi 100 Etching Primer	BENZi Micaceous Iron Oxide	BENZi Micaceous Iron Oxide
Non-Ferrous Metal	BENZi 100 Etching Primer	BENZIPOX Mastic 88 or BENZITHANE 300	BENZITHANE 300

Application Methods

Brush / Roller : Dilute up to 5% of Thinner if necessary
 Conventional Air Spray : Dilute up to 5% of Thinner if necessary
 Airless Spray : Dilute up to 5% of Thinner if necessary
 Handling : Stir the paint thoroughly until completely mixed before painting
 Clean Up : Clean all paint equipment with Thinner immediately after use

Surface Preparation

New Non-Ferrous Metals

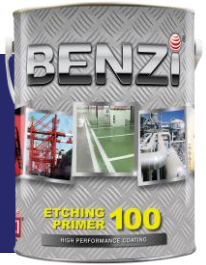
Surface generally must be clean, free from oil, grease, dust and other contaminants and must be thoroughly dried before application. Layer of oil / grease on the substrate's surface must be thoroughly removed using suitable solvent degreasing agent.

Old / Existing Unpainted Non-Ferrous Metals

Ensure the aged non-ferrous metal is free from rust and residue of 'zinc salt'. Any spot rusty area shall be make good with suitable zinc rich primer or presence of 'zinc salt' residue on the substrate's surface shall be removed by power brushing before priming of BENZi 100 Etching Primer.

BENzi 100 ETCHING PRIMER

One Pack Epoxy Etching Primer



Storage

Keep container tightly closed and in a secure upright position, store in a cool and shady place, do not expose directly to sunlight and extremes of temperature. Keep out of reach of children.

Safety, Health and Environment

Ensure good ventilation during painting, do not breathe vapour or spray mist. Keep doors and windows open during application and drying. It is advisable to wear mask and eyes protector while applying. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accidental ingestion, DO NOT INDUCE VOMITING, seek immediate medical advice. To remove splashes of paint from skin by using water and soap or skin care product. Do not empty paint into drains or water courses, dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

Materials Safety Data Sheet (MSDS) is available upon request.

DANGER			
<p>Hazard Statement: Flammable liquid & vapour. May be fatal if swallowed & enters respiratory tract. Harmful if in contact with skin. May cause allergic or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation & allergic skin reaction. Very toxic to aquatic life with long lasting effects.</p>			
<p>Precautionary Statement: Keep out of reach of children. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Wear protective gloves, eyes protector, face protector. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents & container in accordance with all local, national or international regulations.</p>			

Limitation of Liability

Liability of MCI Paint Sdn Bhd on any claim of any kind, including claims based upon negligence of MCI Paint Sdn Bhd, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall MCI Paint Sdn Bhd be liable for consequential or incidental damages.

Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experiences. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to change the given information without prior notice due to production refinements arising from continuing research and development, which may result in changes in the paint properties.



MCI PAINT SDN BHD (849155-P)

Lot 5189, Kawasan Perindustrian Balakong Jaya, 43300 Balakong, Selangor.

Tel: +603 8962 2788 Fax: +603 8962 2798 Website: www.mcipaint.com.my