

mart-PRIMER US

PREMIUM UNIVERSAL CLEAR EPOXY PRIMER

DESCRIPTION

mart-PRIMER US, a two-component universal clear epoxy primer which has been designed as a high-performance bonding agent for use in conjunction with **mart-SEAL PU** (polyurethane) as well as **mart-SEAL PS** (polysulphide) joint sealers and epoxy compounds where maximum adhesion to porous substrates is essential.

CHARACTERISTICS/ADVANTAGES

- Universal primer, suitable for use with mart polyurethane and polysulphide joints sealers
- Low viscosity allows deep penetration into porous substrates.
- High in solid content to ensure bonding.
- Suitable for use as a primer for epoxy compounds.
- Can be used as a primer in water retaining structures.

FOR BEST RESULTS

- It is critical, to ensure that correct preparation of substrates is followed.
- Whether new or old surfaces it must be sound, clean, dry, and free of all traces of oil, grease, previous joint material, and any other material which could affect adhesion of the primer.
- Do not dilute the primer.

APPLICATION

Surface Preparation:

- Surface must be clean, dry, structurally sound, and free of old caulk, dirt, dust & other foreign material.
- For repairs or re-instating of existing joints, ensure that all previously installed sealant and foreign materials are removed by wire brushing, grinding, sandblasting or mechanical abrasion.
- Before applying **mart-PRIMER US**, remove any traces of dust from the surface with a vacuum cleaner or blown out with clean dry oil free compressed air.

Application:

- To prepare the mix, mix base and activator separately with an electric mixer at a low speed.
- Pour the contents of activator into base and mix thoroughly with an electric mixer at low speed for a few minutes until completely blended.
- Only mix an amount that can be used within the maximum workable time $\pm$ 20 Minutes.
- Apply masking tape to adjacent areas to protect them from contamination.
- Apply mixed primer with brush or roller, take care to not over prime that will result in excess primer at the base.
- Particular attention should be paid to apply primer to all voids and hollows.
- Allow at least 30 minutes for the solvent to evaporate before applying the joint sealant or epoxy coating.
- **mart-PRIMER US** should still be in a tacky stage when finished product is applied.
- If after 3 hours or once primer has lost its tack, re-priming is recommended.

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CLEANING AND STORAGE

- Remove excess uncured sealant from surfaces and tools immediately with **mart-CLEAN**.
- Take note that cured primer is almost impossible to remove from tools.
- Store in a cool dry place.
- 12-month Shelf life if kept in the original packaging.

PACKAGING

mart-PRIMER US comes in a 500ml, 1lt kits.

HEALTH AND SAFETY

- Contains organic solvents.
- Flammable.
- Do not use in confined spaces.
- Ensure adequate ventilation and the absence of any ignition source.
- Wear protective clothing.
- In case of eye contact wash well with water and obtain medical advice.
- Refer to **mart-PRIMER US** MSDS sheet.

COVERAGE

Approximate Coverage for estimating purposes
8m² per lt.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Mixing Ratio:	Mix as supplied - Do not part mix
Pot Life:	± 20 Minutes
Practical Cure:	24 Hrs @ 25° C
Full Cure:	7 days
Colour:	Clear
Density:	0.97
Application Temperature:	5 - 35°C
Service Temperature:	25 - 90°C

Disclaimer: The information contained in this document is given to the best of Mart Solutions' knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving Mart Solutions' liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Mart Solutions specialists are at the disposal of the users in order to help them with any problems encountered.