PERMABOND 2K Primer

Surface Primer

Technical Datasheet

Features & Benefits

- Improves adhesion
- Allows easy visual inspection of surface "bondability"
- Helps protect metal against corrosion, increasing durability

Description

Permabond 2K primer is ideal for preparing metal, glass, plastic and composite materials ready for bonding with engineering adhesives. It contains an adhesion promotor which increases adhesion strength. It also gives a visible indication of whether a surface is "wetting out" properly (i.e. ready for bonding) or if further surface preparation is required. Permabond 2K Primer helps to protect metal surfaces, thus improving durability in harsh conditions.

Physical Properties

Colour	Red
Viscosity	1 mPa.s *(cP)*
Flashpoint	+55°C *(131°F)*
Specific Gravity	1.0

Storage & Handling

Mixed life	8 hours
Storage Temperature	5 to 25°C *(41 to 77°F)*
Shelf Life Stored in original unopened containers	24 months

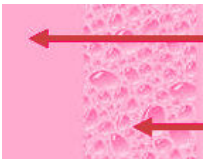
Additional Information

Users are reminded that all materials, whether innocuous or not, should be handled in accordance with the principles of good industrial hygiene. Full information can be obtained from the Safety Data Sheet.

This Technical Datasheet (TDS) offers guideline information and does not constitute a specification.

Directions for Use

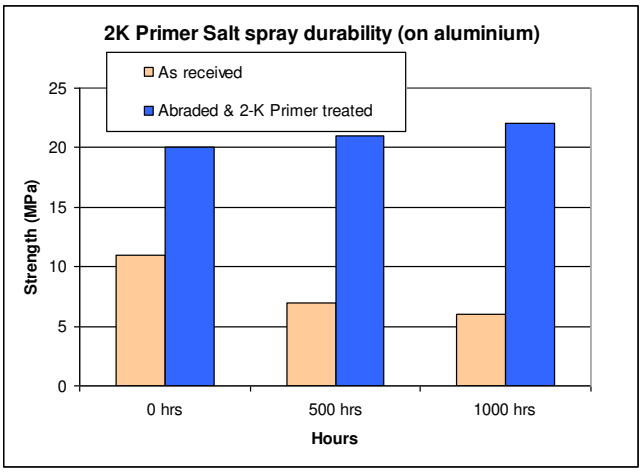
- Degrease and lightly abrade all bond areas and remove dust.
- Combine contents of A and B bottles in the larger bottle and attach the sprayer.
- Shake well
- Spray the bond area with a thin layer of mixed primer.



Good

More surface preparation needed

- Compare wetting with image above.
- If wetting is poor, more surface preparation is needed.
- If wetting is good, remove excess 2K Primer with a clean, dry cloth or tissue.
- Allow 2K Primer to dry thoroughly prior to bonding.
- Use within 8 hours of mixing



The graph above shows the use of Permabond 2K Primer on abraded aluminium surfaces bonded with a structural acrylic adhesive. The results of the salt spray aging test show improved durability.

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