SHUK ENGINEERING DISTRIBUTORS LTD

Approved Quality Management System AS/NZS ISO 9001 :2008 Lloyds Register-Certificate No. MEL 0927759

Denso® CORROSION PREVENTION

Technical Data Sheet Denso Butyl Primer

Description:

A brush, sponge roller or spray applied solvent based adhesive primer.
For use on new, power brushed, or abrasive blasted pipe work to condition the surface prior to the application of the Denso Butyl Tape system. For the prevention of corrosion on pipelines and field joints.

Composition:

Adhesion promoting butyl rubber resins dissolved in solvent based vehicles.

Characteristics:

- stable over a wide temperature range, non-hardening or cracking
- accommodates vibration and movement of substrate
- highly resistant to mineral acids, alkalis and salts
- will adhere and remain attached to steel and butyl rubber-based tapes

Uses:

The primer is designed to promote the adhesion of butyl tapes to steel pipelines for anti-corrosion and mechanical protection.

It is used in conjunction with Denso S43 and R23 butyl tapes and if required Butyl Mastic Strip.

Surface Preparation:

Prepare steel to St2 (power brushed)/ AS1627 P.2 (minimum) Edges should be chamfered to remove step down. Approximately a 100mm band of the pre-existing factory coatings should be abraded and solvent (toluene) degreased either side of a joint.

Application:

Thoroughly stir the primer in its container to ensure uniformity prior to use.

Apply a thin coating, 5 m2/ litre, by brush, sponge roller or spray over new, previously power brushed or abrasive blasted surface.

For maximum performance allow surface to tack dry before applying mastic or tape (5 to 10 minutes). Mastic or tape is applied after solvent vehicle has evaporated and primer is still tacky.

Recommended Temperatures:

Application: - 30 to + 40 °C
Service: - 40 to + 85 °C
Peak: + 95 °C

Shelf Life:

3 years

Storage:

In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

Dimensions:

DENSOPRIM0l	1L Tin (Single)
DENSOPRIM04	4L Tin (Single)
DENSOPRIMIO	10L Tin (Single)

Physical Properties:

Test	**Test Methods**	**Units**	**Value**
Solids Content	ASTM D1000	mm	28.5 ± 1.5
Density @ 15°C	ASTM D1000	mm	0.82
Viscosity @23°C, 4mm nozzle	ASTM D1200	sec.	35 ± 5
Brookfield Viscosity Spindle #1 at 30 RPM	ASTM D2196	cps	90 ± 20
Flash Point	ASTM D92	°c	-12