Valley PU 1K Primer

Description : is an air drying polyurethane primer suitable for all applications over metal, wood, floors and walls.

Technical Data :

Viscosity	23-25 sec / ford cup 8
Solid Content	70-77 %
Density	1.40-1.55 gm/cm3
Coverage	6-8 m^2/kg (Dry film thickness 50-60 µ)

Substrates and surface preparation : is recommended for application over wood, metal, floors and walls as a primer. All new or already painted surfaces should be free from dust, grease and waxes.

Application : Apply Valley PU 1K Primer after dilution with thinner from (10%-30%) to reach the suitable application viscosity.

Drying time at 25 °C & 60% R.H :
Initial drying time 10-15 mins
Hard drying time 45-60 mins

Tools : Spray gun, brush or roller

Color : White and colored according to Valley color guide

Expiry : Two years from production date if stored in original sealed container at normal temperature. Keep away from direct sun light.

Valley PU 1K Top Coat

A single component polyurethane top coating.
Description: - Ready-to-apply paints of one component, based on special polyurethane resins, pigments, and special filling materials, which have high resistance to weather conditions, chemicals and petroleum materials.

Fields of Use: - Marking streets, roads, garages, car parks, playgrounds, and making prominent traffic signs.

Technical Characteristics (at 25° C) :

Solid Content	Not less than 70% by weight
Density (kg/ltr)	1.35±0.05
Viscosity at 23°C	50 s-1 800 MPas approx
Consumption Rate	200 – 250 gm. / m2 per coat
Initial Dry Time	10-15 mins
Hard Dry Time	45-60 mins
Color	White or choose from Valley color chart
Abrasion Resistance (Taber Abraser)	Not less than 1500 cycles

Reaction temperatures from +5°C to +40°C
Rel. atm. humidity 40-90%
Tensile strength ASTM 0412 > 8 N/mm2 approx.
Elongation ASTM 0412 200% approx.
Fire classification Swiss Fire Class, Fume Class 1 Resistant to flying fire and heat radiation in accordance with DIN 4102-82.

Application Method: - Floors should be cleaned well from oils, grease and dust. The final cleaning can be done by air compressor or sandblaster.
- Apply one or more coats according to the required specifications using a brush, roller or spray gun.
- The next coat should be painted after 45 minutes from the first coat. - Used tool should be cleaned with Valley Thinner.

Expiry : Two years from production date if stored in original sealed container at normal temperature. Keep away from direct sun light.