

NUMIX POLYESTER PUTTY

DESCRIPTION

Two pack putty, specifically suitable for repair, filling wooden and steel surfaces. The product is based on specific grade of polyester resin; the dried film has excellent sand-ability properties.

RECOMMENDED USES

Numix Polyester Putty is suitable to apply over zinc plated steel, wood surfaces, aluminums, galvanized, polyester surface, epoxy primer, Wash Primer, Glass fiber reinforced polyester substrates. Since it has good rheological properties, filled surface can be leveled uniformly.

ADVANTAGES

- Excellent adhesion to bare steel.
- Easy to sand both wet and dry.
- Excellent mechanical properties.
- Good flexibility.
- Easy to mix and apply.

CERTIFICATIONS

Additional certificates and approval may be available on request

TYPICAL PROPERTIES

Color Dry film	Grey and Beige
Finish Dry film	Matt
Viscosity	7 - 8 cm
Volume Solids %	75
Specific Gravity (kg / l)	1.79 ± 0.02
VOC (g/l)	270
Theoretical Spreading rate (m ² /liter)	2 - 4
Wet film thickness (WFT) – Per Coat Microns	Depends on job
Dry film thickness (DFT) – Per Coat Microns	Depends on job
Recommended DFT (Microns)	≤ 400

PACKING SIZE

Pack Size
1.5 Kgs
3.6 kgs

DRYING TIME

Temperature	Surface dry	Dry to Sand	Over coating interval with recommended top coats
			Min
10° C	45 mins	1 hour	2 hours
20° C	20 mins	25 mins	1 hour
30° C	15 mins	20 mins	1 hour
40° C	10 mins	15 mins	45 mins



SURFACE PREPARATION

- **New Steel:** Surface should be clean, dry and free from any contamination. Oil and grease should be removed by Numix Degreaser.
- **Repair/maintenance:** For existing finish and initial sanding use below process :

We recommend to use black dry guide coat between sanding step for better results and uniformly sanding. Respect 100 grit minimum jumps in sanding steps.

Sanding Time	After 15 – 20 min of application
Dry Sanding (Minor Jobs)	Use P120 paper as an initial sanding for existing finish and then use P220.
Dry Sanding (Major Jobs)	Use P80 paper as an initial sanding for existing finish and then use P180.
Wet Sanding	Use P60, or P80 as initial and then P220. We don't recommend wet sanding.
Final Finishing	Use P320 / P400 for smooth finish if required.

APPLICATION METHOD

Mixing Ratio (By Weight)	100 Putty : 1- 2.5% Hardener
Working pot Life@30°C	3 minutes
Thinner	N/A
Application by Putty knife	Apply smooth film immediately after mixing, avoiding air bubbles.

RECOMMENDED SYSTEM

Numix Polyester Putty	DFT depends on Job.
2-3 coats Numix 1K/2K Primer	40 – 50 microns (DFT)
2-2.5 coats Numix 2K Top Coat	30 – 35 microns (DFT)
OR After putty and primer follows	
2 – 2.5 coats - (Depend on job) Numix 1K Base Coat	15 – 20 microns (DFT)
2 coats - (Depends on jobs) NUMIX 2K MS CLEAR COAT 700	30 – 35 microns (DFT)

Please consult National Technical team for other system recommendation.

SAFETY PRECAUTIONS

- Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
- Eyes: In the event of accidental splashes, flush eye with water immediately and obtain medical advice.
- Skin; wash skin thoroughly with soap and water or approved industrial cleaner.
- Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion seek medical attention immediately.
- This product is flammable, keep away from sources of ignition. Take precautionary measures against static discharge. In the case of fire –blanket flames with foam, carbon dioxide or dry chemicals.
- Painting must be carried out in well-ventilated area. Local safety regulation needs to be followed.

STORAGE & SHELF LIFE

- Store the paint in proper storage conditions as per the local regulations.
- Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures.
- Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint to avoid contamination.
- Handle with care. Stir well before use. 18 months @ 30°C, in original sealed container, with proper storage conditions

NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For safety details kindly refer safety data sheet.

This data sheet supersedes all previous issued.

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