DATASHEET

DIMAP FINE PUTTY

Color: White

PROPERTIES

A ready to use water based acrylic putty formulated with a high quality to repair cracks, holes and irregularities in walls and ceilings. It is able to fill small edges and to act as a barrier against flaking. DIMAP-PUW020 could be applied on indoor and outdoor walls in order to give a smooth finish.

RECOMMENDED USES

DIMAP Fine Putty could be used for:

- ✓ Concrete
- ✓ Gypsum wallboards
- ✓ Plaster

PERFORMANCE BENEFITS

- ✓ Excellent filling properties
- ✓ Flaking prevention
- ✓ Resistance to algae and fungal growth on walls
- ✓ Sandable after curing
- ✓ Good adhesion
- ✓ Resistance to cracking and mechanical stress

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Spreading rate @ 500µm dry film thickness	-	85 ± 5 m2 /25kg pail
Recommended Wet Film Thickness (µm	-	150 µm (maximum 300 µm/coat)
Specific gravity (g/cm^3)	ASTM D1475	1.60 ± 0.02

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APPLICATIONS GUIDE

Surface Preparation

Before applying DIMAP Fine Putty, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc.…) in order to avoid the risk of surface failing.
Concrete substrate must be well prepared in order to avoid any coating defects.
For new concrete surface, ensure that concrete is completely cured at least 30 days.
For both fresh and old concrete, decontamination is required to remove any dust, oil, grease, laitance, fatty acids or any additional contaminants. If needed, an ammonia solution could be used for a well cleaning.

Application

DIMAP Fine Putty should be applied on a well cleaned, dried and free from contaminations surface in a well-ventilated area. The temperature should be between 5 and 35°C and the humidity not more than 85%.
In order to benefit from the performance of DIMAP Fine Putty, follow one of the below recommended systems:

✓ **Indoor application:**

- Seal the cleaned surface with DIMAP Sealer White DIMAP-SEW151 diluted with 70 to 75% of water or with DIMAP Sealer Clear DIMAP-SEW150 diluted with 80 to 85% of water. Let it dry for 6 to 8 hours.
- Fill the holes with a layer of DIMAP Extra Fill Putty DIMAP-PUW010 using a trowel or a spatula. Let it dry for 6 to 8 hours.
- Clean the surface and use a 150 – 180 grit rubbing paper to rub the putty until uniformity.
- Apply a second layer of DIMAP Extra Fill Putty DIMAP PUW010. Let it dry for 6 to 8 hours then rub the surface again and clean it to remove any dust residues.
- Apply 1 to two layers of DIMAP Fine Putty DIMAP-PUW020. A drying period of 6 to 8 hours, a well sanding and a sufficient dust removal are required between coats application.
- Apply two layers of DIMAP Sealer White DIMAP-SEW151, where the first layer is diluted 50 to 55% and the second layer not more than 35% with water. A drying time of 6 to 8 hours is required between layers application.
- Finalize your system with two to three layers of DIMAP Water Based Paint.

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Indoor use – Undercoating and intercoating		
1st layer	Sealer White DIMAP-SEW151	20 µm
2nd layer	Extra Full Putty DIMAP-PUW010 (1-2 layers)	200 µm
3rd layer	Ultra-Fine Putty DIMAP-PUW020 (1-2 layers)	200 µm
4th layer	Sealer White DIMAP-SEW151	35 µm
5th layer	Sealer White DIMAP-SEW151	35 µm
6th layer	Water Based Emulsion	35 µm
7th layer	Water Based Emulsion	35 µm

✓ **Outdoor application:**

- Seal the cleaned surface with DIMAP Sealer White DIMAP-SEW151 diluted with 70 to 75% of water or with DIMAP Sealer Clear DIMAP-SEW150 diluted with 80 to 85% of water. Let it dry for 6 to 8 hours.
- Fill the holes with a layer of DIMAP Extra Fill Putty DIMAP-PUW010 using a trowel or a spatula. Let it dry for 6 to 8 hours.
- Clean the surface and use a 150 – 180 grit rubbing paper to rub the putty until uniformity.
- Apply a second layer of DIMAP Extra Fill Putty DIMAP PUW010. Let it dry for 6 to 8 hours then rub the surface again and clean it to remove any dust residues.
- Apply 1 to two layer of DIMAP Fine Putty DIMAP-PUW020. A drying period of 6 to 8 hours, a well sanding and a sufficient dust removal are required between coats application.
- Apply one to two coats of DIMAP Solvent Based Undercoat DIMAP-UNS060 and let it dry for 12 hours.
- Finalize your system with two to three layers of DIMAP Water Based Acrylic Emulsion Finish or any type of DIMAP Textured Water Based Coating.

Outdoor use – Smooth finish		
1st layer	Sealer White DIMAP-SEW151	20 µm
2nd layer	Extra Fill Putty DIMAP-PUW010 (1-2 layers)	200 µm
3rd layer	Ultra-Fine Putty DIMAP-PUW020 (1-2 layers)	200 µm
4th layer	Solvent Based Undercoat DIMAP-UNS060	25 µm
5th layer	Solvent Based Undercoat DIMAP-UNS060	25 µm
6th layer	Water Based Emulsion	35 µm

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7th layer	Water Based Emulsion	35 µm

Drying Time

Surface (Touch) Dry: 30 minutes
Trough Dry (hours): 2 - 3 hours
Sanding: 6 - 8 hours

AVAILABLE PACKAGING

1 kilo – 4L gallon – 17L pail

SHELF LIFE

DIMAP Fine Putty should be stored in unopened and undamaged containers in a well-ventilated area where the temperature varies between 5°C and 35°C away from direct exposure to sunlight, to heat and to freezing conditions.
Under these conditions, the shelf life of DIMAP Fine Putty will be 1 year. After this period, the filler quality will be subjected to re-inspection.

HEALTH & SAFETY

Before using this product, please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

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