

JPL LPPO (FOR FINER VOIDS) AND JPL LPPT (FOR DEEPER VOIDS)



JPL LPPO (FOR FINER VOIDS)

JPL LPPO (LeakProof Part One) is in a liquid format. It impregnates into the pores and seals it completely. This can be brush applied and the maximum thickness derived is around 55-60 microns. It will form a flexible water repellent film

COVERAGE: 900-1000 Sq.ft. per 20 Kg in two coats.



JPL LPPT (FOR DEEPER VOIDS)

JPL LPPT (Leak Proof Part Two) is in a paste format. This is used to fill bigger voids and to make the surface abrasion resistant. Must be used along with nylon membrane/mesh as a reinforcing agent.

COVERAGE: 140-150 Sq.ft. per 20 Kg in two coats

TECHNICAL ADVANTAGES

- Anti-Fungal
- Water Resistant
- Indentation Resistant
- Exterior Grade
- Tough & Durable
- Color Fast

PACKAGE AVAILABLE

Shelf Life - 12 Months

Pot Life - 3 Hours



20 Ltr. Bucket

APPLICATION PROCEDURE

TERRACE/SUNKEN AREAS

- Apply the first coat of LPPO on the RCC surface with roller.
- Let it dry completely, drying time 4 - 6 hours.
- Apply two coats of LPPT with 45 GSM fiber mesh embedded between the two coats.
- Apply mesh on first coat while wet, then wait 4 - 6 hours before applying the second and final LPPT coat.
- Apply second coat of LPPO with roller to give a smooth finish.

TILED SURFACES IN TANKS/WASHROOMS

- Open up the grooves in the tiled surface and fill them with LPPT - due to deeper voids.
- Apply the first coat of LPPO using a roller in a criss-cross pattern across the surface.
- After 4-6 hours, apply a second coat of LPPO.
- Apply the first coat of LPPT using a 45 GSM nylon mesh, and let it dry completely.
- Add a second coat of LPPT after a 4 - 6 hour drying period.
- Finish the process by applying two coats of LPPO for sealing and protection.

WET AREAS ON FRESH CIVIL SURFACES

- Apply the first coat of LPPT with a 45 GSM nylon mesh, ensuring even coverage, and let it dry completely.
- Apply a second coat of LPPT after 4-6 hours, followed by two coats of LPPO for added sealing.
- Reinforce corners with LPPT, fill visible voids, and ensure uniform application for complete waterproofing.

SWIMMING POOLS

- Open the grooves and fill them with LPPO, then apply it in a criss-cross pattern using a roller to ensure proper sealing.
- Level the surface with LPPT, reinforce it with a 45 GSM nylon mesh, and let it dry completely before fixing tiles with LPPT adhesive.
- Finish with two coats of LPPO over the dried surface to ensure a smooth and water-tight finish.

BASEMENTS

- Apply LPPT with a 45 GSM nylon mesh over the RCC surface, allow it to dry, and then apply a second coat.
- Add two coats of LPPO for extra protection, and fill the area with sand and mud for leveling.
- Use LPPT for corner coving (100 x 100 mm to 300 x 300 mm), fill visible voids, and reinforce with nylon mesh for thorough sealing.

SLAB JOINTS & EXPANSION JOINTS

Cut a mesh of 6"x1', dip it in LPPT, fold it, and fill the joints.

Allow it to dry completely and repeat the process until all voids are filled, then apply LPPT across the surface.

Finally, apply LPPT and affix an 8"- wide nylon mesh by overlapping the through.

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TECHNICAL DETAILS

PARTICULARS	LPPO	LPPT
Weight/ltr	1.16Kg/Ltr.	1.7Kg/Ltr.
Levelling	Self Levelling	Self Levelling
Ph	7	7
Viscosity with water 2:1	17 Sec	17 Sec
Surface drying	1 Hour	2 - 4 Hours
Recoatibility	6 Hours (Between Coats)	10 - 12 Hours (between coats)
Solid content	42%	80%
Min.thickness (microns)	30	800-900
Max.thickness (microns)	50-60	1000-2000
Application tool	Brush/Roller	Trowel/Blade
Best before	12 Months	12 Months
Tensile strength(ASTM D 638)	Not required	12.47N/mm2
ELlongation at break after 500 hrs of uv (ASTM D 638) & (ASTM G 154)	Not required	5.92%
Polymer content	More than 40%	More than 40%
Compressive strength (28 days) N/mm2 or Mpa	Not required	7.2 (IS-17545-2021-Table2
Flexural strength	Not required	1.9 (ASTM D 790- 17
Adhesion strength test (@14 days) N/mm2	Not required	2.2 (ASTM D 790--17)
UV Resistant	Not required	500hrs
Water Absorption	NIL	NIL