

# pureti™ basecoat

PURETi Base Coat solution is a non-toxic, environmentally friendly, translucent water based, amorphous titania mineral film former. PURETi Base is spray applied and air dries to form a clear, colorless, highly durable and protective coat. PURETi Base has an outstanding adhesion on most surfaces. It can be applied on painted surfaces, concrete, tiles, cement, metal, wood, composite surfaces and almost all plastic. PURETi Base is applied as a primer before applying PURETi Clean. It is also applied in cases where a) higher adhesion is desired, especially on substrates that are tough to bond to, like polished glass, plastic and metal, and b) where extra protection of underlying substrate is desired, such as high gloss painted surfaces. PURETi Base is ready to use and should not be diluted.

## FEATURES AND BENEFITS:

- Protects underlying substrates as a highly adhesive nano thin mineral film former.
- Promotes superior adhesion and photocatalytic activity as a primer for PURETi Clean or PURETi Clear.
- Water permeable, highly durable.
- Applicable to any surface including cement, stone, ceramic tile, painted walls, plastic, and metal.

## SURFACE PREPARATION:

- PURETi Base has excellent adhesion on all types of metal, cement, concrete, wood, and plastics.
- Surface to be treated with PURETi Base must be thoroughly clean.
- Clean surfaces with a mild detergent and water and allow surface to dry thorough.
- If surfaces are stained, please consult your PURETi specialist for recommend product alternatives.

## APPLICATION:

- Air and surface temperature should in the range of 40-90F and relative humidity should be at least 30%
- Stir/shake the material thoroughly before each use.
- Surface must be completely dry.
- Apply one (1) light coat in a cross-hatch manner using an electrostatic spray (ESS) gun or a High Volume Low Pressure (HVLP) spray gun. We recommend spraying a ¼" overlap. Application pressure should be maintained between 30-40 psi. and distance from the substrate should be 3-4 ft (ESS) or 6-8 inches (HVLP)
- PURETi Base Coat dries to the touch within minutes depending on environmental conditions. Allow at least five minutes before applying a coat of PURETiClean.
- Do not clean treated surface with PURETi for at least 14 days after application
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**COVERAGE:**

Coverage will vary depending on type of surface. PURETi Base covers approximately 4,000 square feet per gallon on smooth surfaces, and 3,000 square feet per gallon on porous surfaces.

**PACKAGING:**

PURETi Base is available in 5 and 55 gal containers.

**PRODUCT DESCRIPTION:**

Color and Odor:	Translucent pale yellow with bland smell
VOC:	0.0 lbs/gal (0.0 g/l)
Density:	8.30 lbs/gal
Weight Solids:	0.50 +/-0.025%
Volume Solids:	<0.50%
pH:	6.5-8.5
Flash Point:	Not Applicable
Chemical Stability	Stable
Hazardous By-Products of:	None Known
Hazardous Polymerization:	Will not occur
Use of Protective Equipment:	Rubber gloves, half face respirators and safety glasses are recommended

**STORAGE REQUIREMENTS:**

- Material is frost sensitive.
- Recommended storage temperature: 40°F - 90°F (5°C - 32°C).
- Shelf life: 1 year stored in original, unopened containers at temperature not to exceed 95°C

**WASTE DISPOSAL:**

- Use completely or dispose of in accordance with local, state, and federal regulations.
- Refer to MSDS for further information.

*This information presented herein is our interpretation of certain test results and field experience to date. This information is not to be taken as warranty or representation for which we assume legal responsibility. Consult your Coatings Specialist Group<sup>®</sup> representative to obtain the most recent Product Data Sheet.*