

OmegaShield Anti-Bacterial No. 2100

Fungus & Mould Resistant

OmegaShield Anti-Bacterial No.2100 is a water-based non-toxic paint that contains highly active, broad spectrum antimicrobial agent that prevents the growth and spread of harmful bacteria on paint surface by up to 99.8%. It can be used for residential and industrial product application and in general to any building surface prone to mold. Ideal for high humidity environments such as hospitals, kitchens, bathrooms and spa, with outstanding durability and stain resistance technology.

RECOMMENDED FOR

On old and new interior surfaces made of concrete, plaster, plasterboard or wood. Areas with high humidity or water vapor, in addition to areas with insufficient ventilation and/or natural lighting, such as kitchens, bathrooms, WC, warehouses, basements, food industries, dry cleaners, etc.

KEY BENEFITS

- Inhabits Bacterial Growth
- Environment Friendly (Low VOC)
- Excellent Durability
- High Opacity
- Easy Clean Up

TECHNICAL DATA

Resin type	Water-based acrylic	
Color	White in addition to all Omega Colors Bank System	
Total Solid, by Weight	56%	ASTM D2369
Total Solids, by Volume	45%	ISO 3233
Density	1.21 kg/l	ASTM D1475
Consistency	>89 Ku	ASTM D562-10
Scrub Resistance	Passed 1000 cycle	ASTM D2486
Gloss Level	36 @ 85° / 10.1 @ 60° / 1.3 @ 20°	ASTM D523
Packaging	Pail	17 liter
	Gallon	3.8 liter
Clean Up	Soap and water	
Coverage	Pail: 300 – 350 square meter per 1 coat Gallon: 60 – 70 square meter per 1 coat	
Dry Times 25°C and 50% Relative Humidity	Touch	2 hours
	Recoat	6 hours
Storage	5°C – 35°C. Protect from freezing.	
Safety Information	For additional information, see MSDS	

SURFACE PREPARATION

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials and mildew. Remove any peeling or scaling paint, and sand these areas to feather edges smooth with adjacent, surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. Spot prime OmegaUndercoat No.70 before and after filling nail holes, cracks, and other surface imperfections. Mildew and fungus need to be removed by treating the affected area with a 50/50 solution of chlorine bleach and water. Allow mixture to soak in (15 to 20 min.) then pressure clean thoroughly to remove contamination.

APPLICATION

Paint should be stirred thoroughly to a smooth consistency immediately before use, you may use brush, roller or spray for application. Thin only with small amount of clean water and do not apply when air or surface temperature below 5°C. It is highly recommended to use OmegaUndercoat primer before application to get the best spreading and flow finish.

THINNING

With clean water 10–15% in some special cases thin up to 20% when applying the first coat directly to unprimed absorbent surfaces or in hot climates.

CAUTION: Keep from freezing. Avoid prolonged contact with skin or breathing spray mist. Do not take internally. Close container after each use. Use with adequate ventilation. **IMPORTANT:** Spray equipment must be operated in strict accordance with manufacturer's instructions. When spray applying, wear spray mask, eye protection and protective clothing. **FIRST AID:** In case of skin contact, wipe area clean with cloth and wash thoroughly with soap and water; for eyes, flush with water for 15 minutes and get medical attention. If swallowed, get medical attention immediately. **KEEP OUT OF REACH OF CHILDREN.**