



AIMPOXY CLEAR

CRYSTAL CLEAR EPOXY RESIN

DESCRIPTION

AIMPOXY CLEAR is a high-quality crystal-clear epoxy resin known for its exceptional transparency and glossy finish. It is a two-component system that consists of a resin and a hardener, which, when mixed in the correct proportions, undergo a chemical reaction to create a strong, durable, and visually stunning coating. This epoxy resin is formulated to remain water-clear even after curing, making it ideal for applications where transparency and aesthetics are paramount.

USES

- ▶ **Pebble Resin Flooring:** AIMPOXY CLEAR is often used in the creation of pebble resin flooring. When combined with carefully selected pebbles or aggregates, the resin enhances the color and texture of the pebbles while providing a durable and easy-to-clean surface that's suitable for both indoor and outdoor use.
- ▶ **Woodworking and Furniture:** AIMPOXY CLEAR not only enhances the natural beauty of the wood grain but also offers protection against moisture, scratches, and UV damage.
- ▶ **Art and Crafts**
- ▶ **Jewelry Making**

PACKAGING & STORAGE

AIMPOXY CLEAR is available in 24KG Kit (A=18KG, B=6KG). For mass consumptions, deliveries shall be made in bulk custom-designed containers. AIMPOXY CLEAR Should be stored in cool, shaded and dry warehouses, similar to cement. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life

HEALTH & SAFETY

AIMPOXY CLEAR contains no poisonous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. For more details, please refer to the MSDS released on each AIM product.

TECHNICAL SPECIFICATIONS

Standard	Conforms to ASTM D-4236
Mixing Ratio	A:B, 3:1 by weight
Specific Gravity(Mixed)	1.0 at 20oC
Working time/Pot life	40mins (25oC)
Touch Dry	2-3 hrs (25oC)
Over Coat	2-3 hrs (25oC)
Hard Cure	12 hrs (25oC)
Full Internal Cure	48-72 hrs (25oC)
Tensile Strength	55 MPa(N/mm2)
Flexural Strength	105 MPa(N/mm2)
Elongation	7-10%



The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.

