

Who are we?

ASTRA COMPOSITE is the manufacturer of the ASTRA Seamless Flooring System. We supply to government, commercial, industrial and institutional customers with one of the most advanced epoxy and Polyurethane floor covering available in the world. Our products are extremely versatile, durable, environmentally safe, and user friendly. Astra is a cost-effective, long-lasting, easy to apply, easy to clean, and cosmetically appealing. We are a Hyderabad, Telangana based Private limited Company incorporated in 1996. It is a sensible alternative to quarry tile, ceramic tile and terrazzo. It can be applied over your existing linoleum, ceramic or quarry tile, metal, wood, concrete, VCT, VAT and sheet vinyl. It can also be installed on vertical surfaces such as steps, walls, or fountains. It is a one-step Seamless Flooring System of 100% solid epoxy covering, which comes in pre-measured kit form. It is mixed, poured out and troweled down into a completely monolithic slab, giving you a lightweight, flexible long lasting/durable, easy to clean, non-porous, chemical and fire-resistant seamless flooring system.

We are currently in a rapid growth pattern, opening new domestic and international markets. We market our products directly through factory representatives and the application is done by factory trained employees of our company.

Why choose us?

ASTRA is Cost Effective:

- Quick one-step installation - saves time and money.
- Installs in less than one day vs. other types of flooring which take 3-4 days.
- Tough wearing surface requires no periodic resealing.
- Can be applied over existing flooring such as wood, metal, concrete, quarry and ceramic tile and on any kind of solid surface thus eliminating the cost of removing the old floor.
- Less expensive over a lifetime compared to most flooring surfaces.
- Lightweight, troweled

ASTRA is Easy to Apply:

- Versatile, easy handling, and packaged in kits.
- Resin rich formula is easy to trowel and will not stick to tools.
- Aggregate is sized to gauge application thickness.
- Can be applied vertically for base cove applications and even stairs.
- Substrates may be filled, leveled, or pitched.
- Can be installed over any clean, sound and dry surface - thus eliminating the need for removing the old flooring.

ASTRA is Non-Toxic and Non-Polluting:

- Non-toxic with no objectionable odors and does not require forced air ventilation or the wearing of respirators.
- No risk of contamination of foodstuffs.
 - Inherent anti-microbial properties.
 - No volatile organic compounds (VOCs).
 - Bacteria will not penetrate, unlike concrete or grouted tile.

ASTRA has Excellent Physical Properties:

- Ideal for Commercial, Institutional and Industrial applications in areas requiring durability, easy maintenance, a high degree of sanitation, attractive appearance, and high resistance to chemicals or heat.
- Excellent low temperature properties in cold temperature environments.
- Unlimited life expectancy with proper maintenance.
- Tremendous bonding strength to a variety of substrates.
- Seamless. No joints or seams for water penetration.
- Non-porous and non-absorbent -- thus it's sanitary, and easily cleaned with just a mop.
- Corrosive/acid/oil/abrasion/impact resistant.
- Non-conductive.
- Non-toxic (and no smell during mixing and lay-down -- no VOCs).
- Flexible (flexes with movement to include onboard ships).
- Shock resistant.
- Heat resistant.
- Slip resistant - even when wet.
- No delamination.
- Fire-resistant, non-conductive, extremely resistant to chemicals.

Why are Astra Systems selected for many applications rather than other types of resins?

- **Good Surface Wetter:** Before a coating can bond to a surface it must come into intimate molecular contact with the surface. If the coating beads up on the surface like water on a greasy frying pan, good bonds will not result. Astra 100% solids Polymer Flooring systems are superlative wetter.
- **Non-Volatile Liquid:** On many structural bonding applications both surfaces are non porous. If the coatings contain water or solvents, these Volatile materials can become trapped between the surfaces impairing the bond. Astra 100% solids polymer flooring systems use no such solvents.
- **Does not Shrink during cure:** These systems convert from a liquid to a solid with negligible shrinkage. This makes them positive gap fillers and there is little to no stress set up in the bond line due to shrinkage. Other systems many shrink during cure and high stresses caused during cure can separate the resins from the substrate. 100% solids Polymer flooring systems by Astra set up no stresses for bond breaking.
- **No Gas Emitted during cure:** This Polymers change from a liquid to a solid without giving off gaseous by products. Gaseous by products would tend to force two non -porous surfaces apart preventing proper adhesion. Astra 100% solids Polymer flooring systems give off no such chemical by products during cure.
- **Strength:** Cured systems are strong and shrink resistant On rigid structural members, strength exceeding 10,000 Psi can be realized, given proper design and coating selection, as with Astra 100% solids Polymer flooring systems.
- **Permanence:** In general, after curing, Astra 100% solids Polymer flooring systems resist moisture, heat, and weathering and they are inert to most Chemical exposure, Bacteria and Fungus.
- **Compounding Versatility:** Astra 100 % solids polymer flooring systems can be varied a multitude of ways to facilitate handling and curing characteristics to accentuate specific cured film properties for specific applications

ASTRA COMPOSITE has installed millions of square feet of ASTRA FLOORING throughout India.

Our major customers:

