

## PAINT SYSTEM IMPLEMENTED ON STEEL

By PT. ALMI Furniture Perdana

- 1). All chemicals used in the process of steel protection are produced by PT. PROPAN RAYA (main paint manufacturer in Indonesia for industry, holding **ISO 9001 certificate**).
- 2). All coatings are air sprayed.
- 3). Coating procedure :
  - The metal is thoroughly cleaned, by mechanical brushing, from rust or any other contaminant; it is properly degreased and dried.
  - Within a 2 hours period maximum (minimizing the risk of re-oxidation of the surface), the steel is covered with the epoxy primer.
  - The primer used (**MEP-12007**) is a fast curing epoxy primer containing Zinc Phosphate inhibiting corrosion pigment. It has a high mechanical resistance and high quality anti corrosion.

**Conclusion** : the coating system proposed by ALMI is highly efficient for the intended purpose, which is light exterior/interior usage; when/if necessary, it is easily repairable: it utilizes best efficient products :

1. Epoxy primer loaded with Zinc Phosphate providing high quality anti corrosion protection.
2. Acrylic Polyurethane for topcoat with outstanding weathering resistance.

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