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DENAS STRUKTURA

- structural acrylate enamel -

DENAS STRUKTURA a water-based top coat based on a special acrylate dispersion containing colorfast pigments, fine fillers, biocide agents, coalescents and other additives adjusting its properties. The drying and hardening of the paint is accompanied with oxidation that causes the chemical reticulation of the binder. As a result a high-quality, mechanical resistant paint film is created. It is strongly tixotropic and facilitates the application of novelty, e.g. structural paints that are mechanically resistant, washable, and do not pick dirt.

Application:

Top finishing coats of wooden and metal products, structures and material in interiors and exteriors. This enamel is suitable for the surface finishing of doors, kitchen cupboards, paneling, concrete, plaster, plinths, elevator cages, etc.

Properties: Density: 1.15 – 1.3 g/cm³ Dry matter weight: 40-50 %
pH: 9 - 11 Volume solid: 30-40 %

Surface preparation:

The base surface must be dry and void of mechanical and greasy impurities, and residual old paints that do not adhere to the base. Metal surfaces should be treated with a base coat (We recommend using DENAS ANTIKOR.). Wooden surfaces should be treated with the DENAS UNIVERZÁL primer diluted with water at the 1:1 ratio. During external application on wood a suitable water-based soaking agent with biocide effects should be used. Concrete base surfaces are treated with the DENAS PENETRACE penetrator.

Working procedure:

The enamel is usually applied on a base surface by a textured polyurethane paint roller. A coarser or finer structure is achieved by choosing an appropriate type of paint roller and pore size on its surface. Each enamel coating must be applied evenly across the entire surface, which can be secured with multiple sweeps of a paint roller in various directions and with the final unifying sweep in one direction. Base surface with complex shapes are applied with this enamel by spraying by means of suitable spraying equipment. The enamel is applied as supplied; i.e. without thinning. The temperature of air and the base surface during the application and drying of the coating must not drop below + 10 °C. Drying time is 4-6 hours and depends on the thickness of the applied enamel coating. Lower temperatures and higher humidity retard the drying process.

Theoretical coloring power:

3 - 4 m²/kg depending on the type of structure, the quality of the base surface and the type of application equipment.

Hues:

White, brown, jacaranda, ivory and other hues according to the RAL, EUROTREND, NCS, and ČSN color cards or according to the customer's requirement.

Packaging and storage:

0.7 kg, 3 kg, 10 kg, and 20 kg packaging units. The product should be stored in original packages at temperatures from +5 to + 25 °C. Min. storage life is 36 months from the date of production. Prevent from freezing!!!

Safety and hygiene:

DENAS STRUKTURA is not classified as harmful in accordance with valid legislation. Use personal protective equipment and observe the principles of personal hygiene while at work. When applying the paint by spraying protect the airways. When working in enclosed areas provide for the proper ventilation of the workplace. In the event of contact with eyes rinse the eyes with a stream of clean water and seek medical aid.

Waste liquidation:

Dispose of paint residues and dirty packaging units as of dangerous waste in accordance with valid legislation.