

**Tigar**®**“TIGAR CHEMICAL PRODUCTS” Ltd****PRODUCT NAME: TIGROLUX- PU SELF-LEVELING FLOOR COATING****TECHNICAL DATA SHEET**

Tigrolux-PU self-leveling floor coating is a solvent free two-component coating based on polyurethane resins.

APPLICATION

Tigrolux- PU self-leveling floor coating is used as a thick layer coat for various kinds of floor (first of all concrete, but also asphalt, ferro-concrete, etc.). It is characterized by good impact strength, stability, high brightness, good mechanical properties and resistance to chemicals, water and solvents. It is ideal for hospitals, production halls, food-processing industry, warehouses, and for all other areas rooms requiring exceptional cleanliness and easy maintenance.

TECHNICAL DATA

Appearance	homogeneous mass (color per request)
Total solids (ISO 3251),%	99±1
Viscosity (comp.A, ISO 2431, Ø8, 20°C),s	80±10
Spec.gravity (ISO 2811,20°C),g/cm ³	1.50±0.10
Application	by trowel
Substrate (where is applied)	primed concrete min.MB 25
Pot-life (time for application, at 25°C), min	30±10
Consumption, kg/m ²	1-3
Adhesion (JUS H.C8.059)	Gt 0
Diluent	Tigrosol M
Storage conditions	in originale package at the temperature from 5°C to 25°C
Storage life	6 months

INSTRUCTION FOR USE

Tigrolux- PU self-leveling floor coating is applied to surfaces that must be clean, dry, degreased and primed with **Tigrolux-PU Primer**. Minimum substrate temperature should be 10°C and maximum humidity 4%. The substrate must be insulated against action of ground humidity or underpinned. Before use mix **Tigrolux-PU self-leveling floor coating A** and **Tigrolux-PU self-leveling floor coating B** using propeller stirrer.Mix 2-3 minutes.Spread such leveled PU floor coating with a trowel and then squeeze out the remaining air blister using spiked roller.It enables walking on the floor after 24 hours and maximum floor loading is possible 7 days upon application.

NOTE

Tigrolux-PU self-leveling floor coating was tested at The Institut IMS-Beograd.