

PODOLIT FLOOR SYSTEMS CLEAN ROOM SOLUTIONS





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Poliester Brajdić d.o.o.

is a company with more than 40 years of tradition in the manufacture and application of self-supporting industrial and decorative floors and epoxy, polyurethane, vinylester, hard Acrylics, art floors, painted floor systems of highly decorative floor systems.

Polyster Brajdić d.o.o. with its PODOLIT floor systems in cooperation with Bayer-Leverkusen, Germany, Biesterfeld Germany, HUNTSMAN Germany has been carrying a successful business for the last 40 years in the development, manufacture and application of self-supporting resins including IGH attorneys.

Polyster Brajdić is one of the leading companies in Croatia and in region.

Polyster Brajdić floor systems and applications are proven in practice and meet the strictest regulations and standards pertaining to the pharmaceutical, chemical and food industries.

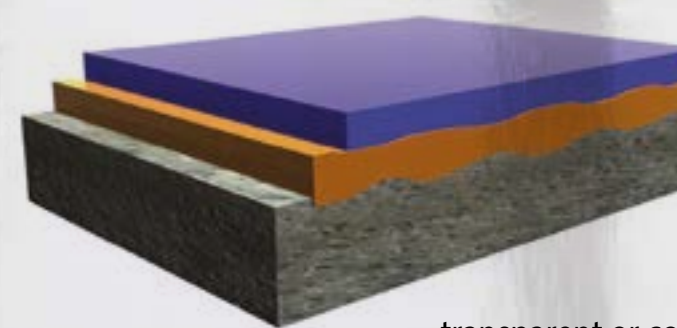


PODOLIT FLOOR SYSTEMS

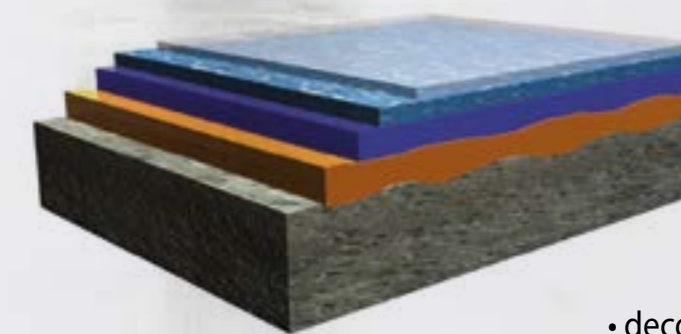
CLEAN ROOM SOLUTIONS

- **PODOLIT XS FLOOR SYSTEM**
- **PODOLIT XS AST FLOOR SYSTEM**
- **PODOLIT QXP FLOOR SYSTEM**
- **PODOLIT QXS FLOOR SYSTEM**
- **PODOLIT QXS AST FLOOR SYSTEM**

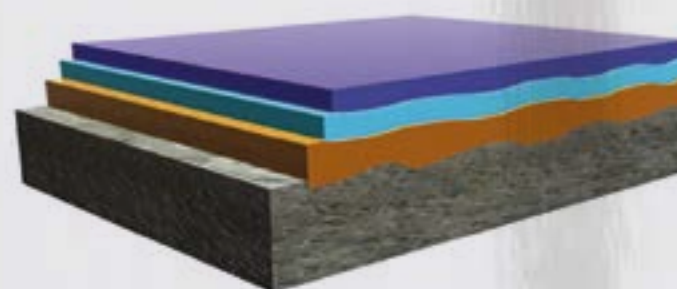
- ▶ mechanically encumberable
- ▶ wear and tear resistant
- ▶ chemicals resistant
- ▶ Antistatic
- ▶ with and without joints, dilatation
- ▶ monolithic performance
- ▶ with closed pores
- ▶ water resistant
- ▶ anti-sliding
- ▶ colorful
- ▶ easy to clean
- ▶ easy to fix



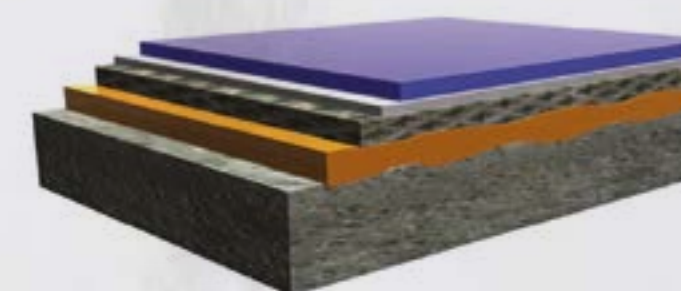
• transparent or colorful



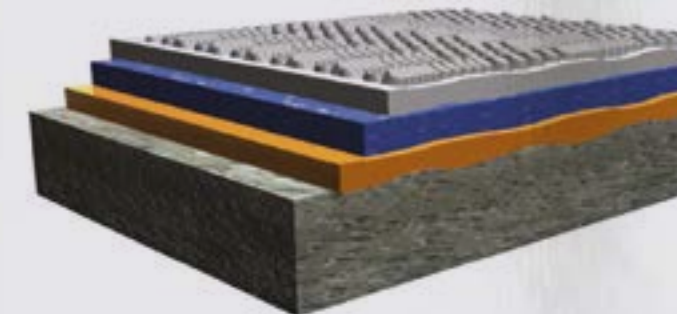
• decorative



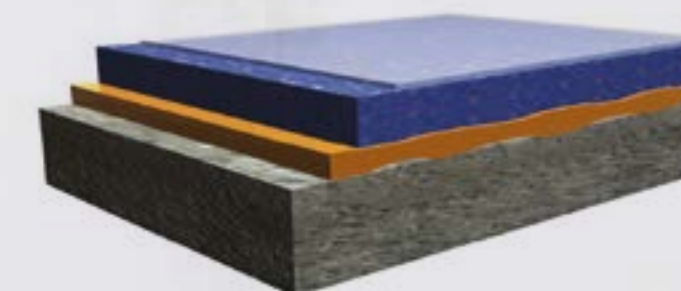
• several layers, self-leveling and without joints and dilatations



• antistatic



• anti-slippage



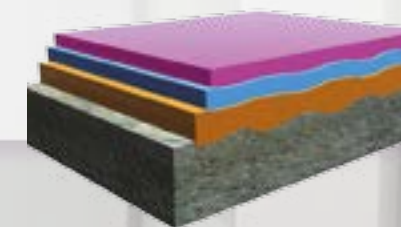
• thick layers





PODOLIT XS

Self-levelling floor (monolithic floor coverings)
For the protection and decoration of concrete floors

Self-levelling floor (floor coating) with thickness of approx. 3-5 mm for protection and decoration of concrete floors in workshops, industrial plants, food industry, garage stations, warehouses, garages, exhibition rooms, laboratories, public objects

The system meets international standards regarding hygiene and safety and GMP requirements (Good Manufacturing Practice) and FDA (Food and Drug Administration) standards as well HACCP (Hazard Analysis Critical Control Points).



-  **PODOLIT XP** final panel
-  **PODOLIT XS** self-leveling layer
-  **PODOLIT XP** primer
-  Surface

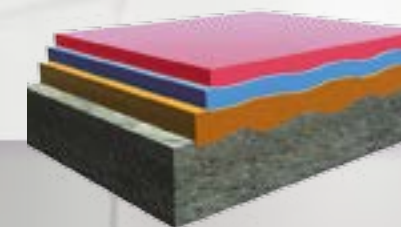
- high mechanical resistance (wearout)
- high chemical resistance to oil derivatives, solvents, acids and alkali
- high adhesion to concrete floors (deep penetration)
- resistance to washing products and disinfectants
- resistance to washing pressure of 150 bar
- thickness of approx. 3-5 mm
- 100% waterproof
- monolithic design
- highly decorative
- compression firmness 55,8 N/mm²
- bending firmness 83,2 N/mm²
- adhesiveness > 5,1 N/mm²
- firmness by Shor 78 (ISO 868)
- elasticity modul (compression test) 15'000 N/mm²
- heat conductivity coefficient 75 x 10E-6/°C
- color selection according to RAL ton chart

PODOLIT XS AST

Antistatic Self-levelling floor

Antistatic Self-levelling floor (floor coating)
(Electrically conductive monolithic floor covering)
For the protection and decoration of concrete floors

The system meets international standards regarding hygiene and safety and GMP requirements (Good Manufacturing Practice) and FDA (Food and Drug Administration) standards as well HACCP (Hazard Analysis Critical Control Points).



- Mat loop / Finish lining
- Electrically conductive layer with copper tape
- Bonding layer
- Concrete substrate

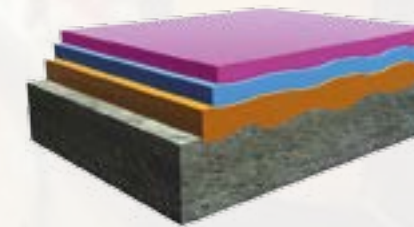
- High mechanical resistance.
- High chemical resistance
- Does not accumulate static electricity, Since it is a conductive system
- Water vapor
- Anti-slippery
- Possible monolithic design without dilatation, Which assists in safety and hygiene.
- Resistant to washing and disinfecting agents
- Select the color according to the RAL tone map
- Very decorative
- Compressive strength: 45N / mm² (DIN 53454)
- Savage Strength: 29.20N / mm² (DIN 53452)
- Compressibility: 3 N / mm²
- Ground Resistance: (RE / RG) <10E6 Ohm (EN 61340-5-1 / 2), <10E8 Ohm (EN 61340-5-1 / 2)
- Elasticity Module (compression test): 14,000 N / mm²
- Thermal conductivity coefficient: 40 x 10E-6 / °C
- Thickness approx. 3mm.





PODOLIT QXS

Universal epoxy floor systems with high mechanical resistance

Universal epoxy floor systems with thickness of approx. 3-4 mm for protection and decoration of concrete floors in workshops, warehouses, industrial plants, food industry, garage stations, garages, exhibition rooms, laboratories, pharmaceutical industry and public objects

The system meets international standards regarding hygiene and safety and GMP requirements (Good Manufacturing Practice) and FDA (Food and Drug Administration) standards as well HACCP (Hazard Analysis Critical Control Points).



-  **PODOLIT QXS** final panel
-  **PODOLIT QXS** self-leveling layer
-  **PODOLIT QXS** primer
-  Surface

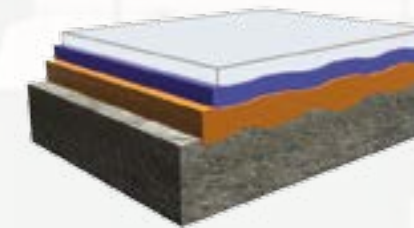
- high mechanical resistance (wearout)
- high chemical resistance to oil derivatives, solvents, acids and alkali
- high adhesion to concrete floors (deep penetration)
- resistance to washing products and disinfectants
- resistance to washing pressure of 150 bar
- thickness of approx. 3-4 mm
- 100% waterproof
- monolithic design
- highly decorative
- compression firmness 80 N/mm²
- bending firmness 27 N/mm²
- adhesiveness > 3 N/mm²
- firmness by Shor 78 (ISO 868)
- elasticity modul (compression test) 15'000 N/mm²
- heat conductivity coefficient 46 x 10E-6/°C
- anti slippery features R9 – R12
- color selection according to RAL ton chart or colored quartz sand





PODOLIT EM MORT

Universal epoxy floor systems with extreme mechanical resistance.

Univerzal Podolit EM MORT
it is applied by itself or in floor coating systems in: metal – processing industry, food industry, refrigerated warehouses and vehicles, pharmaceutical industry, workshops, spaces with heavy traffic, runways, other surfaces under high pressure

The system meets international standards regarding hygiene and safety and GMP requirements (Good Manufacturing Practice) and FDA (Food and Drug Administration) standards as well HACCP (Hazard Analysis Critical Control Points).



-  **PODOLIT TOP-COD**
final transparent coating
-  **PODOLIT EM MORT**
(can be colorful)
-  **PODOLIT EM primer**
-  Surface

- high mechanical resistance (wearout)
- high chemical resistance to acids, alkali, solvents, oil derivatives
- firm adhesion to concrete surfaces
- persistence to washing products and disinfectants
- thickness of 1 layer between 5 and 10 mm
- compression firmness 89,6 MP
- bending firmness 28,6 MP
- flexibility firmness – higher than flexibility firmness of concrete (cracks in concrete surfaces)
- water impermeability 100%
- elasticity module 13'000N/mm²
- natural color or colored quartz sand







PODOLIT FLOOR SYSTEMS CLEAN ROOM SOLUTIONS

- KLIMAOPREMA d.d. Samobor 11.000 m²
- Pliva d.d. Zagreb 2.800 m²
- DIACO Biofarmaceutici Trieste, Italija 3.000 m²
- BELUPO d.d. Koprivnica 2.600 m²
- MEDICALINTERTRADE d.o.o., Sv. Nedelja 2.500 m²
- YASENKA d.o.o., Vukovar 2.400 m²
- DUKAT d.d., Zagreb 800 m²
- ŽITO d.o.o., Čepin 1.500 m²
- KOESTLIN d.d., Bjelovar, 5.400 m²
- PIK VRBOVEC d.d., Vrbovec 3.200 m²
- GAVRILOVIĆ d.d., Petrinja 5.800 m²
- SIC VIŠNJAN 4.000 m²
- ARBACOMMERCE d.o.o. Labin 2.800 m²
- HOSPIRA d.d. Savski Marof 2.800 m²
- JGL d.o.o., Rijeka 2.250 m²
- PESCAMAR d.o.o. Poreč 1.150 m²
- KIM d.d., Karlovac 350 m²

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