

Z.PUR.O FLOORING



Self-levelling solventless two part polyurethane coat.

Vehicle accessible, wear and abrasion resistant.

Base coat, undercoat and finishing with appropriate protection to UV rays.

Flexible, good chemical resistance to acid, alkali solutions and solvents by correct preparation.

It can be used as base coat made of iron, wood, cement substrates, fiberglass, also to pre-existing coats.



Typical uses

For flooring, perfectly levelled and hermetically sealed in:

- **Trasports** - ambulances, specific vehicles, moving stores, trucks, lorries, livestock transport vehicles, boats and specific crafts, carriages, buses and trams.
- **Building** - cold rooms, stores, warehouses, garages, ramps e parking lots, industrial hangars, industrial and private flooring, basements and cellars.

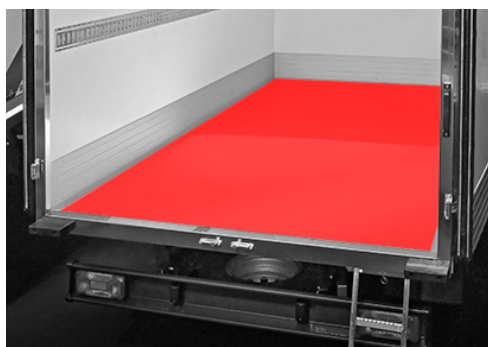
Properties

Materiale base :	polyurethane elastomers
Colori :	grey (similar to RAL 7035)
Packaging :	code 1001447 - 12,5 Kg. A+B KIT

Technical data

Specific weight :	1,3 ± 0,05 kg/dm ³
Mixing ratio by weight :	base 10 – hardener 2,5
Solids content in volume :	100%
Cure time (23°C and 50% R.H.) :	After 8 hours it stands a light pedestrian traffic, after 24 hours it reaches a Shore hardness of approx. D 40
Shore D hardness (23°C ISO 868) :	70
Tensile strength (ASTM D638) :	> 7,5 N/mm ²
Strength at break (ASTM D1004) :	> 45 N/mm ²
Elongation at break (ASTM D638) :	> 40%
Modulus of elasticity in tension (ASTM D638) :	100±10 N/mm ²
Modulus of elasticity in compression (ASTM D695) :	120±10 N/mm ²
Strength at compression (ASTM D695) :	not available, due to the elastomeric nature of the product, the sample break is obtained with loads > 90 N/mm ²

Values in this table must not to be considered as specifications



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Method of use

Surface preparation:

surface must be clean, dry, degreased and not oxidised, without any release agent.
With porous surfaces it is necessary to use **PRIMER FLOORING** to stop reclaiming moisture.
Carefully remove any trace of previous painting or plastic coats

Application:

1. Make part **A** uniform (base 10 kg) to disperse possible product sedimentation.
2. Pour the catalyst part **B** (2,5 kg) into the can of base **A** and carefully mix both parts at low speed with proper mixer for at least 4/5 minutes.
3. Pour the blended product into a clean container and mix just to obtain an uniform compound. Apply the product within 15/20 minutes by using a toothed spreader.
4. Within 10 minutes from application the surface can be completely covered with **FLOORING FLAKES**, in an uniform coat.
5. The product can be usable after 6/8 hours from application, after 12 hours it is possible to apply the transparent finishing **Z.PUR.O CLEAR COAT**; the self-levelling is completely cured after 48 hours.

Coverage: 3-3,50 kg/m² to reach the suggested thickness of approx. 2,5 mm.

Notes

- It is not indicated to apply the product with temperature lower than 10°C and higher than 35°C.
- In no case the product must to be applied lower than 5°C e R.H. > 85%.
- Substrate temperature must be at least 3°C higher than dew point.

Storage stability

12 months in the original unopened container. Store in a dry place at temperatures between 5°C and 25°.



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