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Composition Mixture of pigments and fillers in solution of synthetic resin in organic solvents with addition of driers and additives.

Characteristics and use The paint is determined for protective coating of mineral surfaces, suitable for interior and exterior. It is not suitable for coating of glazed or monolithic concrete surfaces. Coating with paint TELKYD F210 is resistant against humidity, mechanical wearing and is temporarily resistant to many chemical substances (diesel, gasoline, motor oil, sulfuric acid).

- ◆ excellent adhesion to mineral surfaces
- ◆ higher chemical and mechanical resistance
- ◆ very quick drying
- ◆ suitable for the tinting system HOSTEMIX
- ◆ paint 2in1 for cost-saving work
- ◆ TELKYD F210 meets the requirements on anti-slip surface

Application area Concrete floors - stores, cellars, garages, terraces, balconies, washable surface of walls.

Shades According to BAL, RAL, NCS and ČSN colour chart and the others according to individual customer requirements.

Physical properties	Flow time	120 - 150 s (cup Ford Ø 4 mm)
	Weight solids	> 68 %
	Volume solids	48 %
	Flash point	> 25 °C
	Density	1400 - 1500 kg/m ³

Emission limits	VOC: 0.30 – 0.32 kg/kg	TOC: 0.27 – 0.29 kg/kg
	Product subcategory: A/i	Threshold value (2010): 500 g/l
	Max. VOC content in ready to use state: 499 g/l	

Properties of dried coat	Hiding power	degree 1-2
	Gloss / 60°	30 – 50 GU
	Hardness / Persoz /	up 14 % after 24 hours
	Water-vapour transmission properties	class II 5 m ≤ S _D ≤ 50 m (EN ISO 7783)
	Liquid water permeability	w3 – low (≤ 0,1 kg/(m ² .h ^{0,5})) (EN 1062-3)
	Surface finish adhesion of building structures to the base	>5 N/mm ² (ČSN 73 2577)
	Slip/skid resistance of a surface	complies with requirements

Drying time	Surface temperature	15 °C	23 °C
	Dust free	3 h	2 h
	Dry through	24 h	24 h
	Dry film thickness DFT	80 µm	80 µm

Spreading capacity	Wet film thickness WFT	85 µm	170 µm	250 µm
	Dry film thickness DFT	40 µm	80 µm	120 µm
	Theoretical spreading capacity	8.0 – 8.6 m ² /kg	4.0 – 4.3 m ² /kg	2.7 – 2.9 m ² /kg

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Thinning	BALTECH S6006
Surface preparation	Mineral surface must be matured (min. 28 days), compact, free of dust, grease, remains of petroleum products and asphalt and other impurities. The surface must be insulated against moisture. It is ideal to suck a dust with powerful vacuum cleaner. When a water jet cleaning is necessary, it is recommended to leave the substrate to dry thoroughly. In the case of the substrate with larger roughness, it is recommended to re-abrade the surface.
Application conditions	<p>Stir the paint properly with a mechanical stirrer before use so that there will be no sediment on the bottom. For penetration, it is necessary to thin the product.</p> <p>For coating / spraying outside the suitable weather forecast is necessary. During rain, fog, creation of condensation water, effect of aggressive gases and during wind with strong content of dust the coating work must be suspended and can be restart after absolute drying of surface-treated material. Optimal air temperature for application is 10 to 25 °C, relative humidity must not be higher than 75 %. Lower temperature and higher humidity during an application and a drying and high thickness of applied coats markedly slow down drying and hardening of the coat. Imperfectly dried surface can cause problems with adhesion of paint to surface or with adhesion between individual coats. In addition it can negatively affect overall appearance of the paint film.</p>
Workflow	<p>Penetration: Stir thoroughly TELKYD F210 throughout the whole volume and dilute it with thinner BALTECH S6006 in a weight ratio of 1 part of TELKYD F210 and 2 parts of thinner.</p> <p>Topcoat: Dilute the paint in a weight ratio of 10 parts of TELKYD F210 and 1 part of thinner and apply it at the dried penetrating primer (about 24 hours). The finish coat is recommended to apply after thorough drying of the previous coat. It is not recommended to dilute the paint for finish coat. Optimal total dry film thickness is 80 µm.</p> <p>For larger compact areas always use the material from the same batch. Using the same batch can guarantee the same shade of the colour. We recommend to mix the content of the individual cans by homogeneous mixing.</p>
Application	Airless spraying (without thinning) Brush, roller (nylon) (0 – 5 % thinning)
Handling	Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace.
Packing	5 kg; 20 kg (tinted product)
Storability	The product keeps the product qualities 5 years from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C. Flammable liquid II. hazard class.
Disposal of packing and waste	Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see the product safety data sheet.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

The producer stipulates the right for the change in the catalogue sheets without previous notification.