



E0503 EKODUR PROFI BÁZE

professional disperse interior paint

Colour shades: Colours according to the TSCL sample books and others as required by the customer.

Use: The EKODUR PROFI interior decorating paint (base) of the highest quality for tinting in TSCL DEKOR is a water-soluble, vapour-permeable and quick-drying disperse interior paint resistant to wet abrasion (washable). It is used for interior painting of masonry, lime, lime-cement and dispersion plasters, overcoating of old paints, concrete, plasterboard, fibreboard, chipboard and cement chipboard. It is intended for heavy duty interior areas such as hotels, schools, restaurants, health facilities, sanatoriums etc.

Advantages:

- Excellent washability – excellent repeatable cleanability
- wet abrasion resistance, Class 1 (EN 13300)
- Excellent covering power
- Smooth matt finish
- High spreading rate and vapour permeability
- White base also for direct use – as white colour with a high whiteness

Application: Thoroughly stir the EKODUR PROFI paint before use and apply it with a roller, brush or by spraying. The substrate must be mature (at least for 6 weeks), chemically neutral, solid, dry, free from mechanical impurities, degreased, sealed and ground, free from dust and non-cohesive layers. Aluminium and kaolin substrates must be removed and the substrate coated with a penetrating agent. Multilayer and old incoherent substrates must be removed. Biologically contaminated substrates (by fungi, moulds or algae) should be treated with a suitable biocidal product and then mechanically removed (under wet conditions). Spots and stains from soot, grease impurities or smoking must be removed first and treated with the ANTISPOT insulation coat. For new plasters, remove any loose sand grains (by re-grinding or brush sweeping). Repair any irregularities using a suitable mortar and coat the repaired areas with a penetrating agent (EKOPEN, PENETRACE S2802A). Absorbent and highly absorbent substrates must first be coated with a penetrating agent (EKOPEN, PENETRACE S2802A). The first coat of the EKODUR PROFI paint diluted up to 0.2 l of water per 1 kg of paint shall be applied no sooner than 6 hours after priming the surface. The second coat diluted up to 0.10 l of water per 1 kg of paint shall be applied after another at least 6 hours depending on the room temperature and humidity. The drying time of the EKODUR PROFI paint is 4–6 hours depending on the temperature and air humidity. The recommended application temperature (ambient, substrate and paint) is +5 to +25 °C.

EKODUR PROFI E0503 paint is resistant to wet abrasion after curing for 28 days.

EKODUR PROFI is produced in three types of matt paints:

white – with high whiteness and covering power, used for tinting of pastel colours

semi-white – for tinting of richer colours

transparent – does not contain a white pigment and is used for tinting richer colours.

Application: By a roller, brush or spraying.

Thinner: Water.

Thinning: 1st coat max. 0.20 l of water to 1 l of paint
 2nd coat max. 0.10 l of water to 1 l of paint

An example of the coating process:

1. Scrape off old incoherent coatings (glue, kaolin, and lime) and clean the substrate from grease and impurities.
2. Repair any larger irregularities with a repair mortar.
3. 1x penetrating coat (EKOPEN, PENETRACE S2802A), min. curing time of 6 hours
4. 2x EKODUR PROFI in a 6-hour interval, diluted with water as needed

Properties and technical parameters of the paint:

Properties (in liquid state)	Value	Tested in accordance with
Density [g/cm ³]	1.45–1.70	CSN EN ISO 2811-1
Drying (depending on temperature)	4–6 hours	Methodology of the producer
Non-volatile compound content (2 hours, 105 °C) [% wt.]	min. 60	CSN EN ISO 3251
Outflow rate [s], DIN cup (nozzle ø of 10 mm) at 23 °C and 50% relative air humidity	40–90	CSN EN ISO 2431
Viscosity [mPa.s], spindle 6, 60 rpm	5000–7500	CSN EN ISO 2884-2

Parameter	Value	Tested in accordance with
Diffuse equivalent of air layer thickness s_d [m]	0.08	CSN EN ISO 7783
Water vapour permeability category	V ₁	CSN EN 15824
Adhesion to concrete [MPa]	≥ 2.5	CSN 73 2577
Wet abrasion resistance [Class]	1	CSN EN ISO 11998
Whiteness [% of MgO]	96	Methodology of the producer

Consumption: 0.10–0.14 kg/m² per coat and smooth surface.

Spreading rate: 7–10 m²/kg per coat and smooth surface.

Packaging: As per the current offer.

Shelf life: At temperatures of 5–25 °C for the duration of the warranty period indicated on the package of the paint. The product must not freeze during transportation and storage.

Disposal: Containers/unused product should be handed over to a person authorised for disposal of wastes or to a hazardous waste collection point established by the local authorities.

Product classification:

Signal word: **none**

For details, see the Safety Data Sheet of this product.

“The user is responsible for correct use of paints or for the composition and correct application of a paint system, i.e. the user must always consider all circumstances – conditions of application and processing that could affect the final quality of surface treatment.

A complaint relating to a colour shade can be acknowledged only under the condition of a previously prepared test coating on a small area, in accordance with the mandatory technological process, which accompanies the complaint. No claims filed after using up the product will be taken into consideration. COLORLAK, a.s. reserves the right to change data in technical and advertising materials without any prior notice.”

“The technical recommendations contained in this Catalogue Sheet are given based on our experience and best knowledge of the state of the art in science and practice; they are not binding and they do not constitute any obligations unless expressly defined in the purchase contract.”

Marketing, 8/2026

COLORLAK, a.s., Tovární 1076, 686 03 Staré Město, Czech Republic
 Phone: +420 572 527 111, Info: +420 800 145 555, www.colorlak.cz