

DIAMOND

Excellent opacity and high whiteness

WHITE



PACKAGING	CONSUMPTION	SHADE
3 L / 15 L	200–250 g/m ² per coat	White

PRODUCT DESCRIPTION

Titanium Diamond is a high-quality, eco-friendly interior emulsion paint. It is distinguished by excellent opacity (contrast ratio) and a high degree of whiteness, very good workability and outstanding resistance to frequent washing and to ageing. It offers strong adhesion on all types of substrate, both new and old. It contains no ammonia or other dangerous substances and is virtually odourless. It gives a perfectly matt final surface. Processing / application: Titanium Diamond is an interior paint, easy to apply and ensures uniform, streak-free surfaces. Suitable for airless application. Quality control: internal control by our modern laboratory. Binder base: acrylic. Gloss level: matt. Colour: white. Packaging sizes: 3 l, 15 l.

SUBSTRATE PREPARATION

Substrate: the substrate must be clean and dry in order to ensure a high-quality application. New substrates: remove contamination and clean the surfaces; remove any sintered layers present. Old substrates: clean the surfaces thoroughly, dry or with water (mechanically or with high-pressure steam). Priming: prepared substrates are usually primed with Titanium Tiefgrund.

PRODUCT PREPARATION

Instructions for use: the application instructions on the back of the packaging must be observed. Intermediate coat: the intermediate coat is applied after 3 hours with Titanium Diamond diluted with water. The dilution rate depends on the absorbency of the substrate and is usually 5–10 % by weight. The maximum dilution rate must not exceed 10 % by weight. Finishing coat: the finishing coat is likewise carried out with Titanium Diamond, generally undiluted. If required, dilution with max. 5 % by weight of water is possible.

APPLICATION

Overcoatability: possible after a maximum of 2 hours, depending on the ambient temperature. The substrate must be checked for suitability. Consumption: approx. 200–250 g/m² per coat (guide value without warranty; the exact consumption is to be determined by test coats). Notes: a) Minimum waiting time between coats: 3 hours (at +20 °C and 65 % relative humidity). b) Low temperatures and high humidity delay drying. c) Application by roller or airless spray. d) Tinting with Titanium Color Mix emulsion tinting colours. Mix first, then dilute with water. e) Dilution, if required, with water only. f) Clean tools with water immediately after use. g) For complete coating systems, the required number of coats is to be determined by preliminary tests. h) Dry material residues can be disposed of with household waste. Safety instructions: Titanium Diamond is not subject to the Hazardous Substances Ordinance. However, fresh paint must under no circumstances enter the sewer system.

TOOLS

Application: application is carried out by brush, roller or airless spray.

STORAGE AND SHELF LIFE

Storage: store in a cool, frost-free place. Shelf life up to 24 months in the originally sealed packaging. Further information: technical documentation and safety data sheet: www.titanium-baustoffe.de

TECHNICAL DATA

Form	Liquid
Colours	White
Application conditions	Standard parameters
Temperature	20 °C
Relative humidity	≤ 65 %
Application temperature	5–30 °C
pH value	6.3
Water vapour permeability	Class 1
Water permeability coefficient	Contrast ratio class 1
Consumption	200/250 g/m ²
Adhesion	3.10 N/mm ²
Packaging	3 L / 15 L
Shelf life	24 months from date of production

DECLARATION OF PERFORMANCE



TITANIUM
EN 13300:2022

Manufacturer: REFIX SH.P.K. RKS

Declaration of Conformity 005/24.04.2026

Standard: EN 13300:2022

TITANIUM - Diamond

Release of dangerous substances	see MSDS
Adhesion	≥ 3.1N/mm ²
Wet-scrub resistance	Class 1
Gloss at 85°	Class G4 matt
Maximum grain size	Class S1- fine (≤ 100 µm)
Opacity (contrast ratio)	Class H10, class 1 (≥ 99.5)
Drying test	2 hours