PD TerraOmni

Innovative Decorative Compound

for Versatile Applications

TDS

产品说明书

PD TerraOmni

创意多功能装饰镘料

产品描述

PD TerraOmni 是一种创新的矿物基涂料，设计用于墙面、天花板、地面和家具表面。它可为室内外空间提供无缝饰面，具有丰富的纹理和多样的色调。其出色的附着力使其适用于各种表面，包括家具、台面和接待台。

PD TerraOmni 由两种主要成分组成：

PD TerraOmni Textured：确保强度和耐久性的基础层。

PD TerraOmni Refined：提供个性化设计的饰面层。

产品特点

- ✓ 开桶即用，施工便捷
- ✓ 墙地一体，无缝衔接
- ✓ 白色基础色，可自由调色
- ✓ 个性化的纹理质感和色彩设计

应用范围

- ■ 室内和室外，墙面和地面
- ■ 家具和台面
- ■ 私人住宅
- ■ 展厅、艺术馆、博物馆等

墙面 – 基层准备

适用基层

- 混凝土
- 水泥砂浆抹灰
- 石膏基抹灰和石膏板
- 矿物磨料和树脂抹灰
- 瓷砖和石板等

基面必须坚实、清洁和干燥，需清除所有的污染物 诸如灰尘、浮浆、油脂、残留的胶和涂层、残渣、养护剂等。

在施工前，对任何现有裂缝进行专业修补。必要时使用合适的 ARDEX 产品进行打底。

地面 – 基层准备

适用基层

- 混凝土
- 水泥砂浆找平层
- 石膏基找平层

基面必须坚实、清洁和干燥，需清除所有的污染物 诸如灰尘、浮浆、油脂、残留的胶和涂层、残渣、养护剂等。

地面施工时，建议用 ARDEX R 2 E 环氧抛砂进行处理，这种做法可提供与基材的最佳附着力。

施工：

墙面：1 层 Textured 和 1 层 Refined

地面：2 层 Textured 和 1 层 Refined

覆涂间隔约为 2 - 3 小时，视现场条件而定。

施工温度：5°C ~ 35°C

使用前将材料打开并搅拌均匀。

可用平口镘刀施工，可在两层之间打磨/抛光表面，以获得光滑的饰面。

PD TerraOmni 可以在未干的状态下用海绵创造出不同的艺术纹理效果。

表面封闭

在做封闭剂之前，墙面可使用轨道/旋转式手持磨光机进行打磨。地面可以使用三盘磨光机进行抛光。可以选用 80 到 120 目砂纸。

使用经认可的 ARDEX 封闭剂。

当用于淋浴区时，涂刷 2 层 ARDEX 2K PU。

包装

PD TerraOmni Textured：25kg/桶

PD TerraOmni Refined：15kg/桶

储存

存放在干燥、阴凉处，避免阳光直射。开封后及时密封。

未开封，存放在阴凉干燥处，可保存 12 个月。

技术参数

主要成份：

矿物基、添加剂、胶凝材料和细骨料

耐磨性（打磨时）：

Textured 140μm / Refined 80μm

抗冲击性： 14.7 N/mm^2

耐磨性： 1 级

粘结强度： 1.0-1.5 N/mm^2（28 天，混凝土表面）

施工厚度：

Textured 1.2mm/layer

Refined 0.7mm/layer

用量：

Textured 约 2.2kg/ m^2 @1.2mm

Refined 约 1.25kg/m^2 @0.7mm

操作时间： 20°C时约 30-60 分钟

工具和清洁

搅拌装置（电动搅拌器）、平口镘刀和其它工具应在使用前后用清水清洗并晾干。

特别注意事项

由于生产批次不同，可能会出现细微的色差。

使用合适的 ARDEX 底涂将有助于达到最佳效果。

做罩面前应避免长期接触水。

请遵守最新技术手册的说明。

仅供专业人员使用。

PD TerraOmni

Innovative Decorative Compound for Versatile Applications

Product Overview

PD TerraOmni is an innovative mineral-based coating designed for a variety of surfaces including walls, ceilings, floors, and furniture. It provides a seamless finish for both interior and exterior spaces, offering rich textures and varied color shades. Its excellent adhesion makes it suitable for a wide range of surfaces, including furniture, countertops, and reception desks.

PD TerraOmni is composed of two main components:

PD TerraOmni Textured:

The foundational layer that ensures strength and durability.

PD TerraOmni Refined:

The top layer that provides the desired design and finish.

Environmental Benefits: By utilizing PD TerraOmni, you can significantly lower your environmental footprint and contribute to a more sustainable future.

Advantage

Ideal for both indoor and outdoor use.

Seamless application from floors to walls and ceilings.

Customizable white base with a broad spectrum of color options.

Diverse texture and color design possibilities.

Combination of textured and refined layers for a unique surface texture.

Preparation of Substrates

For Walls: Suitable substrates include concrete, cement and lime cement renders, gypsum plaster, gypsum wallboard, mineral abrasives, resin plasters, ceramic tiles, old latex paints, acrylic paint coatings, alkyd resin coatings, and fiberglass wallpaper. Ensure substrates are dry, stable, and free of dust and contaminants.

Repair any existing cracks professionally before application. Primer with suitable ARDEX products if necessary.

For Floors: Suitable substrates include concrete, cement screed, and calcium sulfate screed. Ensure substrates are dry, firm, and free of cracks and dust. Sandblast or mill the surface to remove impurities. Prime with ARDEX R 2 E epoxy primer and fully blind with ARDEX Sand.

Application Instructions

Walls: Apply 1 coat of PD TerraOmni Textured and 1 coat of PD TerraOmni Refined.

Floors: Apply 2 coats of PD TerraOmni Textured and 1 coat of PD TerraOmni Refined.

Recoat time: Approximately 2-3 hours depending on site conditions.

Application temperature: +5°C to +35°C.

Open and stir material homogeneously before use.

Hand trowel application; sand/polish between coats for a smooth finish.

Can be brushed or sponged when wet to create effects.

Sealing

Polish wall surfaces with an orbital sander. Polish floor surfaces with a three-disk sander, sanding paper may started with 80 to 120 grit before sealing.

Use approved ARDEX PD TerraOmni sealers.

For shower areas: Apply 2 coats of ARDEX 2K PU.

Storage

Store in a dry, cool place protected from extreme temperatures and direct sunlight. Seal opened containers tightly. Valid for 12 months from the manufacturing date.

Technical Data

Composition: Mineral-based, additives, binders, fine aggregates.

Wear Resistance: PD TerraOmni Textured 140 μm / PD TerraOmni Refined 80 μm.

Impact Resistance: 14.7 N/mm²

Abrasion Resistance: Class 1

Adhesion: 1.0 - 1.5 N/mm² on concrete after 28 days.

Application Thickness: PD TerraOmni Textured 1.2mm per coat / PD TerraOmni Refined 0.7mm per coat.

Consumption: PD TerraOmni Textured approx. 2.2kg/m² @ 1.2mm / PD TerraOmni Refined approx. 1.25kg/m² @ 0.7mm.

Opening Time: Approximately 30-60 minutes at 20°C.

Special Precautions

Minor color differences may occur due to different production batches.

Prime mixed substrates with suitable ARDEX primers for even application.

Avoid permanent water exposure before sealing.

Tools and Cleaning

Use a mixing device, trowel, and other tools.

Clean tools with water before drying and after application

For professional use only. Follow the latest technical leaflets for detailed instructions.