

Technical Information

Manufacturer

A.S. Création Tapeten AG
Südstr. 47
51645 Gummersbach

Product name

4Digital-Titanium: Fine Sand (Item no. 344621)

Product specifications/materials

- The composition of the base material for the named product is as follows:

- Base: 110 g/m² non-woven material (FSC certified)
- PVC-coating

4Digital-Titanium: Fine Sand

- Does not require soaking and must be hung using paste-the-wall technique only
- Can be completely dry stripped when redecorating, if the wall surfaces have been pre-treated appropriately

4Digital-Titanium: Fine Sand is:

- Skin-friendly and glass-fibre free
- Dimensionally stable - therefore, no soaking time is required

Technical data

- Grammage: approx. 260 g/m²
- Thickness: 450 µm ±10 µm
- Other technical test values according to internal specifications
- Optimum environmental conditions for hanging: 18–25 °C and a relative humidity of 65%
- Drying Time: 1-2 days, depending on temperature, relative humidity and the wall surface
- Fire protection class according to EN 13501-1: C – s2, d0 / flame resistant
(Fire protection class applies to blank material only)
- Dimensionally stable
- High wet and dry strength
- Glass fibre-free
- Dry-strippable

Application — digital printing

Please note: Printing-surface of the material is on the outside!

4Digital-Titanium: Fine Sand is suitable for the following inkjet-printing systems:

- Latex*
- UV-Curable
- (Eco) Solvent
- UV-Gel

This information is based on intensive independent laboratory testing with the most commonly used machine-RIP-combinations for the respective printing-system. It does not indicate universal compatibility with the above-mentioned printing systems.

Material compatibility with customers' specific printing machine-ink-RIP-combination cannot be guaranteed. In order to achieve optimum print quality, compatibility tests should be carried out first.

ICC profiles are available for certain printing machine-ink-RIP-combinations. Please contact your "4Digital" dealer. They will be happy to offer help and advice.

HP Latex Certification*

4Digital-Titanium: Fine Sand is specially certified for **HP Latex printers!**

For your HP Latex printer (HP Latex 300 series) you can directly download your profiles via the **HP Media Solutions Locator!**

Certified for
HP Latex Inks

Simply go to www.printos.com/ml/#/medialocator, enter the "HP Latex printers"-section and search for your "4Digital" –media.

Storage

- Maximum storage: 1.5 years
- Optimum storage humidity: 40%
- Optimum storage temperature: 21 °C
- Protect from direct sunlight
- Store in a dry place
- Store upright to prevent pressure marks

Usage & Application

Pre-treatment of wall surfaces

First, you need to test the surface for a smooth set, firmness, load-bearing capacity and dampness. See also VOB, part C, DIN 18363 para 3.1.1.

The articles in this range can be applied to all interior surfaces suitable for wallpapering. However, the surface must be clean, firm and smooth with a uniform low absorbency, and must be carefully prepared. Remove old wallpaper and non-adherent paint. Sintered layers of plastering must be removed by sanding. Rough wall surfaces must be smoothed with a suitable filler. Sandy or heavily absorbent surfaces must also be pre-treated with a white wallpaper primer. We generally recommend pre-treatment with a white-coloured wallpaper primer before papering.

Also, pay attention to BFS leaflets Nos. 7 and 16 for pre-treating the wall surface.

You will achieve the highest quality level Q4 by full surface filling and smoothing. A non-absorbent, smooth surface can be made suitable for wallpapering by applying a non-woven (renovation) liner (e.g. 2000-13) with a specialist paste (e.g. Metylan Ovalit V).

Application

During papering and drying time, the ambient temperature should be constant at approx. 18 °C. It is essential to avoid direct sunlight and any draughts as well as heating of the room during drying, as this may cause the seams to split.

We recommend solvent-free paste for non-wovens (e.g. Metylan Secura) or new plaster paste (e.g. Metylan NP), or similar. N.B. These brand names may differ in some European countries.

Paste-the-wall technique: Spread a sufficient amount of paste evenly over the wall surface and apply the dry strips of paper to the pasted wall area. Make sure to read the manufacturer's instructions for the paste.

Always follow any additional recommendations from the manufacturer. For example, there may be specific recommendations for paste and hanging in certain conditions, depending on the wall surface and load. We are happy to answer any questions you may have.

How you paper depends on your chosen overall design. However, we generally recommend hanging the paper vertically, moving away from the source of light. Apply the paper to the wet paste, ensuring that no blisters form, i.e. apply vertically to the pasted strip of wall. Ensure exact end-to-end seams when hanging subsequent strips and smooth with a foam roller. Make sure that no paste seeps out.

Notes: Avoid using dispersion adhesive, as this may lead to the printing ink detaching. We recommend wearing soft cotton gloves when papering in order to protect high-pigment inks. Ensure that paste does not come into contact with the wallpaper surface, as this may cause staining or non-uniform shine. If it does, remove immediately by careful dabbing with a damp sponge.

Symbols & Standards

Symbols



Completely dry-strippable

The wallcovering can be completely dry stripped from the wall or ceiling when redecorating.



CE Marking



Emission testing (French guideline in accordance with ISO 16000)



FSC

Das Zeichen für verantwortungsvolle Waldwirtschaft

The RAL German Institute for Quality Assurance and Certification in Bonn is the most important authority on the subject of quality assurance. Strict quality specifications for wallpapers have been developed in collaboration with the Institute. These by far exceed the legal requirements. Adherence to these standards is constantly monitored by an independent party.

As well as RAL-GZ 479, the following current European standards are applied in the production of “4Digital-Titanium: Fine Sand” quality:

- DIN EN 233 Specifications for finished wallpapers, wall vinyl and plastic wall coverings
- DIN EN 235 Wall coverings — Vocabulary and symbols
- DIN EN 12149 Determination of migration of heavy metals and other extractable elements, content of vinyl chloride monomer and of formaldehyde release
- DIN EN 12956 Determination of dimensions, straightness, spongeability and washability
- DIN EN 15102 Decorative wall coverings - roll and panel form

Note



The statements above are general recommendations only. Usage and application are beyond our control. Therefore, the information given by us does not exempt the user from testing the suitability of our products for the intended purpose and processes. Before applying the material for the first time, we recommend you carry out your own tests to ensure that it is suitable. Complaints will be considered only if accompanied by some form of proof (sample pieces and box labels).

This data sheet will become obsolete as soon as a new edition is published as a result of technical improvements.