

# CHAMPION 4 IN 1

## Multifunction Powder Filler – Family III / Category 3



### PRODUCT DESCRIPTION

CHAMPION 4 IN 1 is a high-quality multifunctional powder filler designed for manual interior applications. It is suitable for filling, leveling, and fine finishing on walls and ceilings.

### FIELDS OF APPLICATION

CHAMPION 4 IN 1 can be applied to various substrates compliant with DTU standards related to the target surfaces.

**Compatible Substrates (Compliant with DTU 59.1):**

- Cement renders, plaster, plasterboards.
- Cohesive previously painted surfaces.

**Unsuitable Substrates :**

- Polystyrene
- Wallpaper
- Iron and steel
- Damp Substrates

### PRODUCT CHARACTERISTICS & PERFORMANCE

#### Application Characteristics:

|                       |  |
|-----------------------|--|
| Water-to-Powder Ratio | Filling: 40–45%<br>Leveling: 45–50%<br>Finishing: 50–55% |
| Mixing Time           | 3 to 7 minutes   |
| Working Time (paste)  | Approx. 2 hours.   |
| Average Thickness     | 1 mm   |
| <b>Packaging:</b>     | 20 kg bag.   |

### APPLICATION

#### Substrate Preparation :

Substrates must be dry, sound, cohesive, adherent, clean (free from oil or grease), and dust-free.

#### Product Preparation:

- Gradually pour the powder into the appropriate amount of clean water.
- Let it soak for 2 to 3 minutes, then mix manually or with a mechanical stirrer until a homogeneous paste is obtained with the desired consistency.
- Allow the paste to rest for a few minutes before use.

#### Application Steps:

##### 1- Filling:

- Generously fill the hole or crack using a filling knife.
- Once it begins to harden, smooth the surface by crossing strokes.

##### 2- Levelling:

- Apply using a float.
- Work in areas of approx. 1 m<sup>2</sup>, spreading uniformly in crossed passes.

##### 3- Finition :

- **First Coat:** Apply in crossed strokes using a trowel or finishing knife.

If this first coat is applied over a leveling layer, it is recommended that the latter be sufficiently hard and dry.

### PRODUCT ADVANTAGES

- Versatile: suitable for filling, leveling, and finishing.
- Easy to mix and apply.
- Provides a smooth, fine finish.
- Low paint absorption.
- Compatible with multiple substrates.

#### Color:

- White.

#### Composition:

- Binder, mineral fillers, specific additives.

#### Storage:

- 12 months from the production date if stored on a pallet in its original, unopened packaging, in a dry, frost-free area.

#### Performance of hardened product:

|  |                       |
|--|-----------------------|
| Whiteness Index                          | ≥ 95                  |
| Shore C Hardness                         | 85 ± 5                |
| Adhesion (coating/substrate)             | > 0.5 MPa (EN 16-566) |
| Water Vapor Transmission Rate            | V1                    |
| Equivalent Air Layer Thickness           | V1                    |
| Water Vapor Resistance Factor            | 24                    |
| Wet Abrasion Resistance and Cleanability | A                     |

All values indicated in this technical data sheet are based on laboratory tests. They may be significantly modified by application conditions.

|                      |   |
|----------------------|---|
| <b>Consumption :</b> | Varies depending on substrate type, flatness, and roughness<br>One bag covers approximately 25 m <sup>2</sup> |
|----------------------|---|

#### Drying Time:

Curing/ Drying time varies depending on coat thickness, ambient temperature, humidity, and substrate type.

- **Second Coat (If needed):** For a perfect finish, apply a second coat using a smoothing trowel after the first coat has hardened.

**Application Temperature:** Between 5°C and 35°C.

#### Recommendations:

- Wearing a mask and gloves is recommended.

### LEGAL NOTICE

- The technical characteristic values are average statistical values and may be updated without notice.
- This document is non-contractual.
- No liability will be accepted for damages resulting from misuse.

### REFERENCE DOCUMENTS

- EN 16-566 - NFT 36-005 - DTU 59.1 - DTU 59.4
- EN ISO 7783 - EN ISO 11998
- Applus + Test report No 23 / 32308350