

Yapicement

Technical Data Sheet 12/2023



Yapicement

Cement based plaster

Product Description

Hand applied adhesive plaster used in external thermal insulation for gluing the panels.

Storage

The bags should be stored horizontally on a flat surface such as a wooden pallet and kept dry so that they do not come into contact with water. Partly opened and / or damaged bags should not be used. Product shelf time is 12 months.

Standards referred to

TS 13566

Fields of Application

- Adhesive for White EPS, Gray EPS, thermal insulation boards
- Wall and ceiling plaster repairs

Properties

- Quick and easy application
- High bond strength
- Resistance to weather conditions
- Extended uptime

Application

Application

- Clear all of the subsurfaces of foreign and chemical materials like dust, paint, form oil and repair the surface with Yapicement if there are any hole, crack, gaps etc. on the surface. Prime the surfaces before starting the application for complete adherence. You can apply plaster on the surface after the primer dries (min 24 hours.)
- Use aligning (ano) strips during plaster application for a leveled surface. Use Knauf Corner Profiles for external corners.
- Pour the plaster into the water in a clean container according to the appropriate mixture ratio and mix at low speed with a mechanical mixer until achieving a homogeneous mixture.
- Apply Decocement on the surface at equal thickness with a steel trowel. Perform the application from top to bottom. Application thickness is according to the largest grain size. Patterning process should be performed vertically or circularly according to the desired surface look with the help of a plastic trowel while the mortar is still wet on the wall.
- In case the surface temperature to which application will be performed is above 30°C, damp the surface.
- It's recommended to prepare mortar as much as required and consume the prepared mortar within 1 hour at most. Do not add water to the mortar that started to harden. Do not add any foring materials (lime, sand, cement, gypsum etc.) into the prepared mortar. Do not perform application on the surfaces which are frozen, melting or posing frost hazard within 24 hours. In case the surface temperature which the application will be performed is above 30° C, damp the surface. Avoid performing application in damp, hot and windy weathers.
- To prevent pattern differences (unevenness) on wider surfaces, it's recommended to perform the application at one time and without taking any breaks.
- Keep the bags on the pallets in a dry place as not to contact with water.
- For futher information, please refer to www.knauf.com.tr or hotline from 444YAPI (9274).

Application Tools

Spatula, trowel, gauge etc.

Application Temperature

Application at temperatures below +5 ° C is not recommended. The newly applied plaster must be protected against direct sun, frost, rain and wind until completely dry.

Working Time (on the Applied Surface)

3 hour

Safety Instructions

- After handling, wash hands with plenty of water.
- Wear protective gloves / protective clothing / eye protection / face protection.
- In case of eye contact: Rinse cautiously with water for several minutes.
- If you have a lens in your eye and are easy to remove, go on.
- If eye irritation persists: Get medical advice / attention.

Technical Data

| Description | Value |
|---|---------------------------------|
| Color | Grey |
| Applicable thickness (mm) | 10 |
| Density (kg / m ³) | 1500 ± 300 |
| Unit volume mass with backlash (kg / m ³) | ≥ 1000 |
| Water absorption (30 minutes) / TS EN 12808-5 | ≤ 5 g |
| Water absorption (240 minutes) / TS EN 12808-5 | ≤ 10 g |
| Reaction to fire | A1 |
| Heat transmission coefficient λ (W / mK) | ≤ 0,67 (P=%50) / ≤ 0,76 (P=%90) |
| Flexural strength 28 days (N / mm ²) / TS EN 1015-11 | ≥ 2 |
| Compressive strength 28 days (N / mm ²) / TS EN 1015-11 | ≥ 6 |
| Adhesion force to thermal insulation board 28 days (N / mm ²) / TS EN 13494 | ≥ 0,08 |
| Adhesion to substrate 28 days (N / mm ²) / TS EN 1015-12 | ≥ 0,05 |
| Working Time (on the Applied Surface) | 3 hour |
| Consumption (10 mm thickness) | 15 kg / m ² |
| Amount of mixing water (For 25 kg dry mortar) | 5 - 6 lt |
| Application temperature | 5 - 30 °C |
| Particle size distribution | 1 mm sieve ≤ 1% |

Packaging

| Description | Weight (kg) | Packing (bag / pallet) | Material Number |
|-------------|-------------|------------------------|-----------------|
| Yapicement | 25 | 66 | 140175 |

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

[Knauf Technical Website](#)
[Document Center](#)

Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system.

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