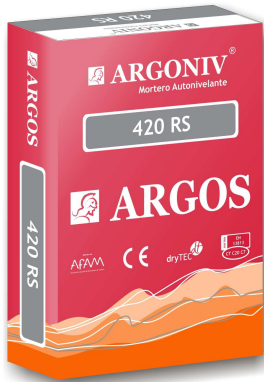




ARGONIV
Cement self-levelling

420 RS



EN
13813

CT C20 F7

DESCRIPTION

ARGONIV 420 RS self-levelling paste has been formulated with cement and selected aggregates, additives that provide enhanced fluidity, water retention and adherence, as well as minimal shrinkage and fast drying.

APPLICATIONS

ARGONIV 420 RS is suitable for backings, smoothing and levelling interior concrete, mortar, terrazzo, mosaic or stone surfaces, for covering with light pavements such as parquet, carpeting, ceramics, etc.

SUPPORT

The support should be sturdy, absorbent to some extent, completely set, as rough as possible and free of dust, paint, oil, etc.

The humidity of the support should be <3%, so leave the support at least three weeks to dry thoroughly before using this product. If exposed to direct sunlight or highly absorbent, it is advisable to wet the support or lay a bridging joint first.

METHOD OF USE

1. Place the levels on the support, arranged evenly.
2. Mix mechanically with clean water until an even, plastic mixture is achieved, without any lumps, using 18% water (approx. 5.4 l/sack).
3. When applying a self-levelling product it is essential to apply a primer first (e.g. **ARGONIV JOINT**) to serve as a bridging joint between old concrete and new mortar and seal the support to prevent any bubbling of the self-levelling product.
4. Spread the material evenly (using a pump), filling until the level marked is reached.
5. Pass a vibrating bar over the surface to eliminate any air bubbles.
6. The recommended thickness is 3.5–8 cm.



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7. Curing should be done by keeping the mortar surfaces wet from the moment they are laid and for about 7 days, depending on the ambient conditions. Film-forming agents may be used for curing. Spread the curing liquid with a spray gun, paintbrush, stiff brush or roller to achieve a thin, even coating.

PRECAUTIONS

Do not apply onto gypsum-based surfaces.

Do not apply at extreme temperatures (below 5 °C or above 35 °C).

Protect from wind and direct sunlight.

Make dilation joints max. every 50 m², fitting perimeter joints and respecting the building's structural joints.

Do not lay facing materials with adhesives until after 3 weeks and without first sand-blasting the mortar to open pores to assure a good grip between the adhesive and the mortar. (especially if it contains a film-forming curing agent, which adhesives will not stick to directly).

YIELD

The approximate yield of **ARGONIV 420 RS** is 90 kg/m² when applied to a thickness of 50 mm.

PRESENTATION

30 kg sacks (1,200 kg pallet).

Bulk: 24-tonne silos, equipped with twin mixer and pumping equipment.

COLOUR

Grey.

STORAGE

In the original container in a covered area, for up to 12 months.

REFERENCE AND CLASSIFICATION

EN 13813 Modified Polymer: CT C20 F7

TECHNICAL DATA

Mixing water approx. (%):	18
Apparent powder density (g/cm ³):	1.5
Apparent paste density (g/cm ³):	2.2
Apparent hard density (g/cm ³):	2.1
Lifetime of mix (min.):	60
Bending strength (N/mm ²):	≥7
Crushing strength (N/mm ²):	≥20
Tensile strength (N/mm ²):	≥1
Shrinkage (mm/m):	<0.25
Initial flow characteristics (cm):	9
Facing time (days):	3



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Humidity 72 hours:

<3%