



Self-levelling screed compound 5-30mm Atlas SAM

100 25kg



Brand	ATLAS
Manufacturer	
Weight	25.00 kg
Product Code	SJ-100-F-25
EAN	5905400279245
SKU	000238
Advice IBB	
IBB ID	9013

Product specification

Manufacturer	ATLAS	Unit	plastic bag
Brand	atlas	EAN	5905400279245
Coverage	On average, 20 kg of mortar is used per 1 m² and for every 10 mm of layer thickness	Relative air humidity during application and curing	< 80%
		Density of the finished product	ca 1.9 g/cm³
pH	8		

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Most important features:

anhydrite-gypsum based
 high compressive strength $\geq 35.0 \text{ N/mm}^2$
 resistant to concentrated load
 almost no contraction – no need of expansion joints for up to 50 m²
 under tiles, carpet flooring, parquet, panels

Product description:

Levels surfaces within 5 - 30 mm thickness range – both when substrate has only local irregularities and when it is whole executed with slight slope.
 Elevates floor level in the whole room – e.g. when necessary to equalize the level of two adjacent rooms.
 Recommended for leveling surfaces of existing screeds with heating systems – when screed irregularities make the execution of top finish impossible and additional thin layer of compound must be applied.
 Can be used in dry rooms – as the screed based on high quality anhydrite, it can only be used indoors in dry rooms: in living

rooms, hallways, halls, salons, offices, corridors, waiting rooms, etc.

Forms screed beneath top finishes in rooms exposed to medium load – in offices, kindergartens, schools, etc.

Types of finishing layers – tiles, PVC and carpet flooring, floor panels.

Types of possible arrangements:

bonded - thickness 5 - 30 mm – on good quality substrates, e.g. concrete, cement or anhydrite screed (with or without floor heating).

Main properties:

Self-spreading – enables execution of smooth horizontal surfaces even in large rooms, with no use of battens and mass raking up with a darby.

Fast-setting - rapid strength build-up enables foot traffic just after 6 hours since the compound application.

Compressive strength $\geq 35.0 \text{ N/mm}^2$.

Flexural strength $\geq 6.0 \text{ N/mm}^2$.

Limited contraction – reduced to minimum possibility of shrinkage cracks during setting, which enables application on areas up to 50 m² large without expansion joints.

Suitable for manual and machine application – can be easily and quickly applied both manually and with machines equipped with helical pumps, therefore high efficiency is reached.