



Fast setting cement floor 10-80mm POSTAR 80 25kg



Brand	ATLAS
Manufacturer	
Weight	25.00 kg
Product Code	POSTAR-80 (PAL)
EAN	5905400017915
SKU	7128
Application	Creates a floor layer with high abrasion resistance - recommended for warehouses and driveways
IBB ID	7128

Product specification

Manufacturer	ATLAS	Unit	bag
Brand	atlas	EAN	5905400017915
Coverage	20 kg of mortar for 1 m² for each 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

ATLAS POSTAR 80 fast setting cement floor (10-80 mm)

Most important features:

- fast drying - fixing the cladding after 3 hours
- fast setting - foot traffic after 3 hours
- excellent cohesion, under tiles, parquets and epoxy floors
- limited linear shrinkage

Main properties:

- Thick plasticity - mortar consistency makes it easy to spread, float and to form even surface.
- Compressive strength: $\geq 40.0 \text{ N/mm}^2$ - recommended for any surfaces exposed to medium and high load.
- Flexural strength: $\geq 7.0 \text{ N/mm}^2$.
- Abrasion resistance: $\leq 9.0 \text{ cm}^3/50 \text{ cm}^2$.
- Low linear shrinkage - minimum changes in linear dimensions during screed drying (approx. 0.6 mm/rm) limit the risk of cracking.

Main parameters:

- Mixing ratio (water/dry mix):
- 0,06÷0,08 l / 1 kg - 1,5÷2,0 l / 25 kg
- Pot life: min. 30 minutes

Consumption: The average consumption is 20 kg of mortar for 1 m² for each 10 mm of layer thickness.

Product description:

ATLAS POSTAR 80 manufactured as a dry mix of Portland cement, quartz fillers and modifiers.

- Forms screed or floor 10 - 80 mm thick - layer thickness depends on the expected structural arrangement (see table below).
- Recommended for quick repairs – fast setting - rapidly reaches the operational parameters, therefore the technological breaks are shorter and application of subsequent layers quicker: foot traffic and fixing the tiles just after 3 hours.
- Can form screed for top flooring layers, e.g. parquet, epoxy floors and coats - characterised by high cohesion and resistance to setting forces, which occur within the joint with flooring layer, e.g. during expansion and contraction of wood resulting from the changes of humidity.
- Forms floor characterised by high abrasion resistance – recommended for residential housing, warehouses, industrial premises, on driveways, terraces, etc.
- Can be installed as screed with heating system – does not require elastifying admixtures, conducts heat well.
- Enables forming a slope and repairs of concrete surfaces, stairs, slabs, floors.

Types of possible arrangements:

- bonded - thickness 10 - 80 mm
- on separation layer - thickness 35 - 80 mm
- floating - thickness 40 - 80 mm
- heating – the layer above the heating layer should be min. 35 mm thick.