



PSA

POWDER SOLUTIONS

SCREED ADMIXTURES

PSA is a powder screed admixture supplied in water soluble sachets, formulated to give rapid drying and improved strength in traditional sand and cement screeds. Screeds can be lightly trafficked after 24 hours and achieve compressive strengths above 25 N/mm².

DESCRIPTION

What is PSA?

PSA is the powder member of the UKCP screed additive family. Instead of dosing a liquid, the screeder adds pre-weighed water soluble sachets to the mixer. The sachet film dissolves during mixing and releases the admixture into the screed.

That makes PSA a practical choice for contractors who mix on site and want consistent dosing without measuring jugs, pumps or dispensers.

APPLICATIONS

- › Traditional sand and cement screeds (1:3 to 1:5)
- › Bonded, unbonded and floating screeds
- › Screeds over underfloor heating
- › Hospitals, schools, retail and homes
- › Screeds to receive tiles, wood, linoleum and vinyl

KEY BENEFITS

- ✓ Rapid drying enables earlier application of floor coverings
- ✓ Can be lightly trafficked after 24 hours
- ✓ Suitable for all normal screed applications, including over underfloor heating
- ✓ Water soluble sachet for easy addition on site with no measuring or mess
- ✓ ISCR Category A or B depending on mix design
- ✓ Compressive strength above 25 N/mm²



TECHNICAL DATA

Form	Powder admixture in water soluble sachets
Suitable for	Traditional sand and cement screeds, 1:3 to 1:5
Screed types	Bonded, unbonded and floating
Screed classification	ISCR Category A or B depending on mix design
Compressive strength	Above 25 N/mm²
Light traffic	After 24 hours
Floor coverings	Typically 1 to 3 weeks after casting, subject to moisture testing
Underfloor heating	Suitable
Supplied as	200g sachets, box of 80
Shelf life	24 months minimum

PACKAGING

- › 200g water soluble sachets
- › Boxes of 80 sachets

STORAGE AND SHELF LIFE

24 months minimum when stored at normal temperature in dry conditions.

HEALTH AND SAFETY

Refer to the Safety Data Sheet, available on request from UKCP.

DOSAGE AND TECHNICAL SUPPORT

The correct dosage depends on the mix design, raw materials and performance required. Contact the UKCP technical team on 07717 707163 or sales@ukconstructionproducts.co.uk for the recommended dosage for your mix and for advice on mixing, application and product selection. Carry out trial mixes where appropriate. The latest version of this datasheet is available at ukconstructionproducts.co.uk/products/psa.