

# McGrath Anhydrite®

## Flowing Floor Screeds



### Floor Screed

#### What is an Anhydrite Floor Screed?

McGrath has delivered the advantages of pumpable cement screeds for some time but modern builders demand safe, efficient & cost effective materials that respect the natural environment as much as they enhance the buildings in which they are used. Anhydrite Floor Screeds are a 'high tech' flowing screed designed for ease of use in commercial & domestic projects. Anhydrite Floor Screeds utilise a chemically engineered binder (calcium sulphate anhydrite) made for us by our partner Francis Flower (Northern) Limited. When mixed with selected sands the FF07 binder provides a self levelling, self compacting floor screed of strength equivalent to traditional cement but with additional benefits.

#### Why use an Anhydrite Floor Screed?

**It's safe:** Anhydrite Floor Screeds are placed by pump and flow easily without vibration. No tamping or surface finish is necessary, just 'dapple' the surface lightly to remove entrapped air. No back breaking bending or knee damaging float work.

**It's economical:** Anhydrite Floor Screed can cover up to 20 times more area in a day than traditional sand and cement. Thinner layers mean less material and it needs no reinforcement.

**It's efficient:** Minimum preparation can place 5 to 6m<sup>3</sup> in 30 minutes using readily available small pumps. Anhydrite floors will not curl and have very low shrinkage and minimal cracking.

### Floor Coverings

Anhydrite Floors Screeds are not intended to provide a wearing surface and must be covered with a suitable floor covering. Most standard floor coverings can be applied easily and should not require any special preparation. Our Anhydrite binder is manufactured in a strictly controlled environment to ensure consistent reliable performance. It is essential to ensure that the innate variations in natural sands do not inhibit characteristics of the finished screed. All sands considered for use should be approved by simple assessment testing.

**For more technical information & expert advice, please contact:**



McGrath Quarries, O Callaghan's Mills, Co Clare.

T: 065 6835125 F: 065 6835489 W: [www.mcgrathquarries.ie](http://www.mcgrathquarries.ie)

#### Sales & Technical

**Alan Mannion BEng**

T: 087 9267323 E: [alan@mcgrathquarries.ie](mailto:alan@mcgrathquarries.ie)

### Benefits

- Safer for workforce...no kneeling or bending
- Less labour required
- Delivered to site ready-mixed for optimum quality and consistency
- Self compacting, high strength, rapid laying
- Thinner application compared to conventional screeds
- Substantial installations of approx 1,900m<sup>2</sup> can be laid in a short period
- Control joints only required when a continuous area exceeds 40m in length
- Enhanced thermal properties, highly beneficial for use with under-floor heating
- Minimal shrinkage or cracking
- Low laitance
- Can usually carry light traffic after 24hours
- Low carbon footprint

### Considerations

Anhydrite Floor Screeds are not recommended for exterior applications or interior areas that are continually exposed to water such as showers, saunas or wet rooms. If laitance does occur, the surface finish may require light sanding to ensure optimum bonding with successive layers.