



CONCRETE
COLOUR
SYSTEMS

Better colours and coatings

Getting too hot?

You can reduce concrete cracking, shrinkage and dusting with CCS surface treatments

Hot, dry or windy conditions can often cause the bleed water on newly laid concrete to evaporate extremely quickly, making it difficult to judge the correct time to finish the surface.

Commencing the finishing process too early seals the surface of the concrete before all the bleed water has risen, which often results in small blisters of concrete peeling off during trowelling operations.

Another problem can be the discolouration of the surface of coloured concrete as the bleed water brings deposits of calcium carbonate and other salts to the surface.

CCS Aliphatic Alcohol

CCS Aliphatic Alcohol is an easy to use, water based finishing compound which effectively controls the evaporation of bleed water - thereby improving the quality of the final concrete surface. The product is diluted with water (at 9:1) to provide a very economical coverage rate of approximately 5-7m²/litre.

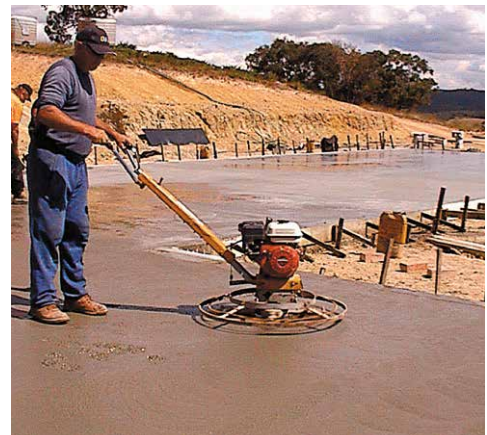
CCS Aliphatic Alcohol is generally applied after screeding and bull floating operations, but prior to final finishing processes.



Advantages

- Water based and environmentally friendly.
- Economical and easy to apply.
- Contains a fugitive dye to help with uniform application.
- Improves the quality of concrete as a result of controlled water evaporation.
- Reduces the likelihood of crusting or dusting on the concrete surface.
- Can reduce the incidence of plastic shrinkage.
- Eliminates the requirement for extra mixing water to compensate for hot weather pours.

Please Note: CCS Aliphatic Alcohol is not a curing compound and has no effect on hardened concrete.



Refer to TDS for further product and specification details.

Effective concrete curing

Assisting concrete to develop strength, abrasion resistance and durability

CCS Slab Clad R Curing Compound

Correct and effective curing plays an important role in the strength development and durability of concrete. Curing compounds are used to seal the surface of fresh concrete and prevent rapid loss of moisture. They are seen as an efficient, cost effective means of curing concrete and can eliminate the need for messy water curing methods and the use of plastic sheeting.

CCS Slab Clad R is a water based curing compound, which is applied to freshly laid concrete. It is a Class Z film forming compound offering high water retention capabilities compliant to AS 3799-1998 Appendix B. Slab Clad R also conforms to Department of Transport and Main Roads MRT S70.

CCS Slab Clad R is based on a C-5 resin with performance enhancing additives which, when applied to freshly laid concrete, leaves a dried transparent film on the surface. The product is designed to degrade over time, allowing for the unhindered application of other toppings and treatments. And unlike many resin based curing compounds, CCS Slab Clad R dries to form a tack-free film which resists dirt, dust and stains.

Advantages

- Environmentally friendly – low VOC (Volatile Organic Compounds).
- Water based.
- Supplied ready for use.
- Assists in the development of strength, abrasion resistance and durability of the concrete.
- Provides rapid film formation.
- Reduces the likelihood of cracking or dusting on the concrete surface.
- Easy to use - eliminates messy water curing or polyethylene film.



Refer to TDS for further product and specification details.