



## Technical Specifications

### Evaporation Retardant and Concrete Finishing Aid

Safetard Evaporation Retardant is based on a blend of selected waxes when helps produce high quality concrete finishes by reducing surface water/moisture evaporation. It is applied to freshly cast surfaces and forms a mono-molecular layer on the surface. It is especially effective in helping combat rapid drying conditions such as high concrete or ambient temperatures, low humidity, high winds, direct sunlight or other such conditions where the concrete surface is subject to rapid or aggressive environmental drying conditions.

### Advantages

- Easily spray applied using ordinary garden-type sprayer
- Weather resistant
- Single layer application in most cases
- Significantly reduces surface moisture evaporation, creating a better surface finish.
- Non-staining
- Regulates the surface condition of the concrete slab
- No effect on cement hydration, abrasion resistance, durability and compressive strength
- Reduces and can eliminate plastic shrinkage cracking and wind crusting of surfaces.
- No VOC's
- Surface remains plastic and workable for a longer time, even under rapid drying conditions

### Application

Safetard Evaporation Retardant is a blend of specially selected waxes that are supplied in a concentrate form.

Agitate concentrate before mixing with water. One litre of Safetard Evaporation Retardant is mixed with 9 litres of water to yield a 10 litre spraying solution. The average coverage of the diluted solution is between 5–10m<sup>2</sup> of fresh concrete per litre. Re-Agitate any mixed solution before applying

A second application may be required in adverse drying conditions .

Safetard Evaporation Retardant is NOT a curing agent and concrete treated with it still must be cured in the standard fashion. Safetard Evaporation Retardant reduces water evaporation only while the concrete is in its plastic state. It's not a substitute for early curing of hardened concrete, nor does it alter the effectiveness of membrane type curing compound such as Adocure or Safecure Super. Do not apply during any finishing operation nor should it be worked into the concrete surface.

Any residue remaining from spillage or spraying of the concentrate form on the surface of hardened concrete should not be allowed to dry. The surface should be wiped clean and rinsed with water immediately otherwise a wax film will be left on the surface that will impede the adhesion of any subsequent coatings.

### Storage

Protect from Frost and freezing. Extreme cold may cause separation of the concentrate which cannot be re-constituted.

### Shelf Life

Practically unlimited in sealed containers.

### Specification

Safetard Evaporation Retardant is manufactured by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

### Health and Safety

The material is non-flammable and is not considered hazardous. If splashes enter the eyes irrigate immediately with copious quantities of clean water. If irritation persists seek medical attention without delay. Hands should be cleaned with soap and water after use..

See separate Safety Data Sheet for further information.