



SP 0063 NO SET CONCRETE RETARDER / HARDENER

NO SET CONCRETE RETARDER/ HARDENER is a liquid retarder for horizontal construction joints and surfaces for use in normal to warmer conditions as well as for low retardation conditions.

NO SET CONCRETE RETARDER/ HARDENER is easy to use, economical product for applications to “kicker” joints, renderings and screeds on horizontal surfaces of freshly placed concrete.

USES: NO SET CONCRETE RETARDER/ HARDENER eliminates the need for sandblasting, hacking and bush hammering, leaving the aggregate unbroken and firmly embedded. It can be spray applied to horizontal surfaces of freshly placed concrete sections such as:

FLOOR SLABS

DRIVEWAYS

PATIOS

SWIMMING POOLS

FOOTPATHS

ACTION: The retarding compound in **NO SET CONCRETE RETARDER/ HARDENER**, as the name suggests, will retard the hardening of the surface of the concrete and at the same time, increase the hardness of the underlying surface of the concrete. It combines with cement at the surface and delays the normal hydration. (high cement contents and temperatures will reduce the retardation). After retardation has finished, the concrete cures to additional strength.

NO SET CONCRETE RETARDER/ HARDENER will provide decorative finishes to concrete and can be used in conjunction with many natural aggregates. It will provide an exposed aggregate finish leaving excellent anti-skid properties and leaves an excellent key for further concreting, screeding or rendering.

APPLICATION : **NO SET CONCRETE RETARDER** is ready to use straight from the container. It should not be diluted. A good uniform coat of the material should be sprayed onto the horizontal concrete surface as soon as the initial ‘bleeding’ of the concrete has finished but before initial set. (use garden sprayer or other suitable spray device). Treated surface should be protected from direct sunlight or warm wind, which can cause the surface to dry out rapidly. Proper curing procedures are important to ensure the durability and quality of the concrete. Once adequate time has elapsed, typically 2-12 hours, depending on the concrete type and ambient conditions such as humidity, temperature and wind, the soft cement paste on the surface can be brushed off and the exposed aggregate finish washed down with clean water. While **NO SET CONCRETE RETARDER/ HARDENER** is still on the surface, the concrete surface must be protected from rain, dirt, etc. Spray equipment should be washed out after use with water.

APPLICATION TEMPERATURE: 10°C – 35° C COVERAGE 3 - 5 m² /litre

