



# LUSTER KEEP™

Technical Memo 108-LK 31/5/07

## PRODUCT DESCRIPTION & TECHNICAL DATA

THE NAME SAYS IT ALL

### Extreme High Gloss, Excellent Durability, High Speed Finish - Easy Care, Low Slip, High Solids Coating.

Luster Keep™ and Luster Shield™ with Densi-Proof™ as a system gives total concrete protection to Diamond polished or Burnished concrete with an attractive high gloss, easy to maintain, tough as steel, stain resistant environmentally friendly finish. It's got the lot! Responds beautifully to High Speed Buffing. Independent slip testing carried out by **Advanced Technology Testing and Research - ATTAR-** These reports are available in Pdf format on request.

#### Section 1 Product Name

Luster Keep™

#### Section 2 Product Description

Luster Keep™ is a high-quality, proprietary aqueous acrylate polymer formula with a high solids content. Easily applied, repaired or recoated it develops into an extremely strong, durable, high gloss film-coating. High Solids content ensures durability on high traffic floors requiring less coating cycles, saving you time and money. Non yellowing, fast drying easily removed with stripper Luster Keep™ is non-flammable, odourless, and safe to use.

#### Section 3 Basic Use

Luster Keep™ provides an highly attractive finish that is extremely durable. Luster Keep™ was developed to enhance the look and give an attractive high gloss or wet look to today's decorative concrete surfaces and to provide the same protection to plain, grey concrete. Luster Shield™ is recommended as a seal prior to finishing with Luster Keep™. Luster Shield™ helps to maintain cleaner surfaces and preserve the original appearance of the treated surface for much longer period of time. Luster Shield™ prevents the penetration of water, oils, acids, body fluids, liquids and other contaminants into the treated surfaces. Luster Shield™ is an excellent waterproofer that will improve fungus and mildew resistance. Luster Shield™ also significantly retards efflorescence while imparting significant additional resistance against freeze-thaw damage, such as cracking, spalling, etc..

#### Section 4 Application Procedures

Ensure your floor is clean, free from waxes, grease, oils, stains, dust, dirt and other contamination Luster Keep™ should be applied over a sealing coat of Luster Shield that is at least 24 hours old. With a dust mop or polish spreader apply a thin, uniform coat and allow the entire area to touch dry completely. Drying time varies due to temperature, ambient drying factors, and relative humidity but is usually in the range of 15- 30 minutes. Apply subsequent coats in the same manner and if preferred machine buff after applying the 3rd or 4th coats ensuring the floor has had at least 4 hours to dry. It is recommended to use between 4

to 8 thin coats on high traffic areas and as few as 3 thin coats in other areas. For optimum results after 4 hours and before 24 hours you should thoroughly burnish the floor with a high speed polisher (Poli-vac or similar) using a hard high speed animal hair pad Luster Shield™ should not be applied when temperature falls below 8°C, as this will slow drying and curing times. A minimum of 24 hours drying / curing time, following application, should be allowed for strength development before allowing heavy-duty service / traffic. Contact us for advice, latest application procedures and training for the care and ongoing maintenance of your new floor.

#### Section 5 Precautions

Incidental contact with Luster Keep™ is not hazardous, protective clothing is not necessary. Avoid contact with eyes, if eye contact is made rinse thoroughly with water, and should irritation develop get medical attention. If ingested drink water, do not induce vomiting, seek medical attention. Protect areas not intended for coverage. Do not apply Luster Keep™ when ambient temperature drops below 8°C or above 38°C.

#### Section 6 Technical Data

**Product Type:** Acrylate polymer aqueous dispersion

**Physical State:** Liquid

**pH Range:** 8 - 8.3

**VOS/VOC Content:** trace, Wt%=3 CAS# 111-90-0

**Colour:** Milky-White

**Dried Colour:** Clear

**Specific Gravity:** 1.02

**Flash Point:** None

**Fire Decomposition Products:** CO, CO<sub>2</sub>, NOX

**Solids Content:** 30-32%

**Freeze Point:** 0°C

**Freeze Harm:** Possible

**Storage Temperature Minimum:** 8°C

Ensure you contact your nearest PROTECT CRETE office for full technical bulletins and latest application procedures.