



## **TECHNICAL DATA SHEET HI TECH** **SPRAY ON PAVING**

*H.T EZI-SPRAY* is a new concept in Spray on Paving. Its properties are designed to provide a super tough long-lasting finish that once applied will remain looking fresh and new for years to come. This product meets with Australian Standards.

Commercial and domestic concrete driveways, footpaths and patios are transformed and renewed from ugly stained and slippery concrete into areas that will blend in and compliment the house, garden or commercial projects. It is slip-resistant, durable and easy to clean. *H.T EZI-SPRAY* revitalises virtually any concrete area from commercial and industrial applications to pool surrounds.

*H.T EZI-SPRAY* offers a large range of patterns and 20 colour combinations.

*H.T EZI-SPRAY IS UV* resistant, has excellent slip-resistant properties making it suitable for public thoroughfares.

### **PRODUCT INFORMATION**

The special acrylic dispersions used are patented polymers. They are room temperature, alkaline curing. The alkaline powder cures the polymer over a period of weeks to produce enhanced toughness and chemical resistance. Unlike conventional cement admixtures which are weakened by exposure to water during the early life of the coating, the polymers in *H.T EZI-SPRAY* cure faster when intermittently saturated.

The use of these acrylic dispersions with powder base provides the following benefits to the finished topping:-

- fade resistant
- fast setting and wearing
- easily cleaned
- impact resistant
- chemical resistant
- water repellent
- non dusting
- non toxic
- very low odour
- low shrinkage

- excellent adhesion to old concrete
- high mechanical (tensile, flexural, compressive and abrasion) strength under wet and dry conditions

The final properties of the powder base will vary according to the specific job and application conditions. The following laboratory test results provide an indication of the final properties of *H.T EZI-SPRAY*.

**CURING CONDITIONS**

10 Days drying in air at 20 degrees Celsius, 50% relative humidity.

5 cycles of: 2 days water immersion  
                   2 days in air at 80 degree Celsius.

1 week air dried.

These conditions are considered quite severe.

**RESULTS**

Adhesion----- 20 kg/cm<sup>2</sup>

Flexural Strength----- 150 kg/cm<sup>2</sup>

Compressive Strength----- 220-250 kg/cm<sup>2</sup>

Shrinkage (120 Days air dry)----- 0.4 mm/m

*H.T EZI-SPRAY* flooring system represents an attractive alternative to current industrial floor refurbishment system. It is tough, durable and economic. The degraded floor can be treated quickly and conveniently with minimal out of service time.

**APPLICATION**

*H.T EZI-SPRAY* comes in a three part system which consists of

A water based acrylic polymer and coloured liquid which are mixed together with powder and then sprayed onto stencil or taped surface.

Clear acrylic sealer top coat applied within 24 hours

**MAINTENANCE**

With all types of Decorative Concrete Coatings – Maintenance is required regularly to keep your job in good condition – ideally 2 coats of concrete sealer are required of completion of job & thereafter again every 18 months to 2 years. Ongoing maintenance is up to Owner to comply if wanting to maintain driveway or concrete area.