SPEC DATA

This Spec-Data Sheet conforms To the editorial style prescribed by The Construction Specifications Institute. The manufacturer is Responsible for technical accuracy.

1. PRODUCT NAME

BONDCRETE
CEMENT BINDER

MANUFACTURER

HARRICRETE LTD.

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2. DESCRIPTION

AN ADHESIVE FOR INCREASING THE INTERNAL BONDING STRENGTH OF CEMENT MIXTURES AND AS A BONDING AGENT FOR NEW TO OLD OR NEW TO NEW CONCRETE.

3. USES:

It is used as an economical bonding adhesive and cement admixture in all construction works. Bondcrete will key plaster, bond / renderings, floor screeds, terrazzo / strips, seal surfaces and repair concrete whether new or old. It can be used to increase the strength of concrete mixtures while accelerating the set times; in addition, the effects of moisture or dampness does not alter the performance of the adhesive. Bondcrete also performs well in mildly acidic, alkali and saline conditions.

Industrial Safety and Environmental Properties:

Not a hazardous substance within the meaning of the Current Dangerous Substance Regulations (Gefstoffv)

4. DIRECTIONS FOR USE:

Surface Preparation: - Remove all unsound deteriorated concrete, mould, oil, laitance, paints or other materials that can prevent penetration and thus affect bonding.

5. APPLICATIONS: -

- **As a bonding agent of similar or dissimilar porous materials Bondcrete can be applied directly at coverage of 80 - 100 sq. ft. per gallon.**
- **As a primer or sealant on porous surfaces of concrete, hardboard, asbestos etc. Bondcrete can be diluted at a ratio of 1 part Bondcrete to 3 -6 parts of water.**
- **For bonding, and as an admixture in concrete or mortar. Bondcrete can be diluted with 3 parts to 6 parts of water. This mixture can be brushed unto old concrete, brickwork or floors for the application of new renderings or concrete; or the mixture can be mixed into the cement mixture to increase strengths and bonding to other surfaces. When diluted 1 part of Bondcrete to 4 parts of water and used as gauging water in normal sand / cement mixtures, a perfect adhesive is achieved.**

SEVERAL VARITIES OF MIXTURES CAN BE ACHIEVED WITH TRIALS .

TYPICAL STRENGHT RESULTS:

Ratio of Bondcrete/ Water	Increased compressive strenghts	Increased bonding strength	Increased setting times
1-4	60%	200%	15%-25%
1-8	40%	100%	15%-25%
1-16	30%	60%	15%-25%