

(INACTIVE)  
**OHD L-32**  
**METHOD OF TEST FOR**  
**EPOXY PENETRATING SEALER**

The test shall consist of two (2) concrete blocks 8 x 8 x 2 inches (20 x 20 x 5 cm) cast in the laboratory using a typical mix design with a carborundum finish on one side. The blocks are to be dried to a constant weight, then sealed with paraffin leaving the finished side exposed for the application of the penetrating epoxy sealer. A minimum of two applications of the sealer shall be applied as per manufacturer's recommended rate and method to the exposed side of each block placed in a vertical position. The specimen shall be submerged in water for a minimum of 24 hours, then the amount of absorption shall be calculated as follows:

$$\% \text{ of Absorption} = \frac{c - d - a}{a}$$

Where:

- a = Dry weight of block
- b = Dry weight of block, paraffin and epoxy
- c = Wet weight of block, paraffin and epoxy
- d = (b-a) weight of paraffin and epoxy