CURECRETE DISTRIBUTION, INC.

Technical Services

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THE ASHFORD FORMULA & ROUGH FINISHES

Many concrete surfaces, particularly parking decks, are either broomed or swirled to provide slip resistant or decorative finishes. By contrast, most industrial floors have a tight, compact finish imparted by power trowels. The Ashford Formula performs well when applied to either type of finish.

If the Ashford Formula is used to seal parking decks with roughened finishes, we recommend that it be applied at lower coverage rates. The normal coverage rate of 200 square feet per gallon will probably drop to 160 to 180 square feet per gallon on an uneven finish. Having a greater surface area and being more porous, the roughened surface has larger and more numerous voids than tightly troweled concrete. It therefore requires more material for a proper seal.

However, the chemical properties of the Ashford Formula remain the same whether it is applied to smooth concrete or to roughened concrete. When the Ashford Formula penetrates and reacts inorganically with the free lime, new crystals proliferate throughout the surface. This process of crystalline densification is how the Ashford Formula eventually seals the floor. The fact that roughened concrete takes more material does not mean the Ashford won't work well on broomed or swirled surfaces. On the contrary, it is very effective, provided enough material is used.

This fact has been verified over the years by the performance of the Ashford Formula on literally hundreds of thousands of square feet of parking surfaces. The Ashford provides the same hard, dense wearing surface on uneven finishes as it does on industrial floors. The dustproofing properties are also exactly the same. The only difference is that rough finishes do not develop the same intense sheen that is seen on a mature industrial floor sealed with the Ashford Formula.