

# Concrete Pigments

Powder Pigment for Colored Concrete

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| <b>Description</b>              | <b>Concrete Pigments</b> is a powder pigment for coloring concrete purposes, it is a synthetic iron oxide pigment designed to be used in integral coloring of cementitious materials. It complies with ASTM C979/C979M-16  |
| <b>Where to use</b>             | <ul style="list-style-type: none"> <li>• Bricks</li> <li>• Pavers</li> <li>• Pre-cast and poured in place concrete</li> <li>• Floors and walkways</li> <li>• Roof tiles</li> <li>• Patio and driveways</li> </ul>  |
| <b>Advantages</b>               | <ul style="list-style-type: none"> <li>• Easy dispersing</li> <li>• Maximum coloring power</li> <li>• Eco-friendly</li> <li>• Lime proof</li> <li>• Non bleeding</li> <li>• Sun fast material</li> <li>• Convenient packing</li> </ul>   |
| <b>Properties</b>               |  |
| Density                         | 4 g/cm <sup>3</sup> it may vary based on color   |
| Chemical class                  | Iron oxide   |
| PH value                        | 3.5 – 7.5 depends on color   |
| Particle size                   | 0.1 – 0.6 µm rod shape   |
| Color                           | Many colors are available on request   |
| <b>Application</b>              | <ul style="list-style-type: none"> <li>• Add <b>Concrete Pigments</b> to the concrete patch after all ingredients</li> <li>• Mix for further 2 – 3 minutes to insure good distribution</li> <li>• Always add ingredients in the same order for each patch</li> <li>• Trials should be conducted to approve the color tone and depth</li> </ul>   |
| <b>Theoretical coverage</b>     | 7% – 10% of pigment based on total amount of cementitious materials<br>It may vary according to the desired color depth<br>It may vary according to ingredients change   |
| <b>Packaging</b>                | 1 Kg bag<br>5 Kg bag<br>25 Kg sacks  |
| <b>Shelf life &amp; Storage</b> | 24 – 36 years in its original sack if stored in suitable and dry conditions  |
| <b>Health and Safety</b>        | <ul style="list-style-type: none"> <li>• Use goggles, gloves and a breathing mask when applying</li> <li>• Apply forced ventilation in confined spaces</li> <li>• Remove splashes from skin with hand cleaner or soap and water</li> <li>• Eye splashes to be washed with plenty of water</li> <li>• If ingested, drink milk or plenty of water and seek medical advice</li> </ul>   |
| <b>Additional Information</b>   | <p><b>PROKEM</b> provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.</p> <p><b>PROKEM</b> designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.</p> <p><b>PROKEM</b> reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale &amp; delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p><b>PROKEM</b> extends technical services to include after sales support to assist users in a proper handling of our product.</p> |