### Testing Data

**1. Testing Object:** COLORCONcrete and normal type of mortar

**2. Testing Method:**
COLORCON and normal type of mortar were cast to form a size of 100 x 100 x 10 mm respectively, and were left to stand in a curing room at temperature of 20°C ± 1°C and a humidity of 90 ± 5%. After 24 hours, they were released from frame, cured for further 27 days, and were left to stand again for 24 hours in a testing room at a temperature of 20°C ± 2°C and a humidity of 60 ± 5%. Then with a tanged abrasion tester applying an abrasive ring CD17, they were tested for wear resistance at a load of 500 g for 500 and 100 rotations respectively, with result of abrasion masses.

**3. Result of Abrasion Test**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>NORMAL MORTAR</th>
<th>COLORCONcrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASS BEFORE TEST (g)</td>
<td>222.46</td>
<td>221.36</td>
</tr>
<tr>
<td>MASS AFTER 500 ROTATIONS (g)</td>
<td>222.52</td>
<td>221.48</td>
</tr>
<tr>
<td>MASS AFTER 1000 ROTATIONS (g)</td>
<td>221.36</td>
<td>221.40</td>
</tr>
<tr>
<td>Wear at 500 g</td>
<td>0.16</td>
<td>0.06</td>
</tr>
<tr>
<td>Wear at 1000 g</td>
<td>0.20</td>
<td>0.08</td>
</tr>
<tr>
<td>AVERAGE (g)</td>
<td>0.18</td>
<td>0.07</td>
</tr>
<tr>
<td>WEAR RATIO (%)</td>
<td>0.0085</td>
<td>0.0067</td>
</tr>
<tr>
<td>REMARKS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- Normal compound: 1 g / 75 Wt % - 50% Used volume of COLORCON 3 kg/m.

**Volume of abrasion (g):**

- Colorconcrete
- Mortar

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**Agency:**

CHICHIBU CONCRETE INDUSTRY CO., LTD.
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Phone: Tokyo 03-3294-2961
CONCRETE FLOOR HARDENER
CHICHIBU COLORCONcrete
Strong, Beautiful, Hardwearing Color Flooring

FEATURES

1. Excellent Hardwearing Properties
   CHICHIBU COLORCONcrete has a newly adopted rigid aggregate compounded in the color cement at an ideal distribution of particle size, so that an excellent hardwearing property is ensured.

2. Strong Resistance to Water and Oils
   COLORCONcrete forms a high-density finish of floor surface, where a long life is ensured by cutting oil and water permeability.

3. Beautiful Finish
   COLORCONcrete is made of special color cement which forms a beautiful floor with excellent resistance to weathering and with a polish-like increasing by passage of time and use.

4. No Peeling
   COLORCONcrete is applied for finishing by trowelling on the green concrete or mortar, so they can be integrated together without fear of peeling off.

5. Excellent Workability
   Thanks to its excellent whitewash finish, COLORCONcrete ensures an easy application with smooth trowel work.

6. No Dust Retention
   COLORCONcrete floor is extremely rigid and dense on the surface which allows no dust being retained.

7. As COLORCONcrete is applied consecutively with casting of concrete, landing time can be shortened.
   Furthermore, its cost is the lowest amongst similar products, so that low cost is warranted by COLORCONcrete, along with its other properties.

USES
Concrete Floors for Factory, Warehouse, Office, Shop, School, Restaurant, Car Park, Pavement etc.

APPLICATION

1. Backing Adjustment
   When the backing becomes semi-tight, press the surface flat by trowelling it in the same direction with a steel trowel.

2. Dry Mixing
   Before disseminating COLORCONcrete, take it out of the bag and pour into mortar basin, regain the balanced condition between the powder and the aggregate by dry-mixing.

3. First Dissemination
   Disseminate COLORCONcrete evenly on the backing surface through a 2 to 3 mm mesh screen. Normal quantity for use is 2 kg/m² / 10 m² bag

4. Press with Wooden Trowel
   After the first dissemination, press COLORCONcrete has deepened color for absorbing water from the backing, press it by trowelling with a wooden trowel.

5. 2nd Dissemination
   The second dissemination shall be performed in compartments for thinly spread areas of COLORCONcrete after the first performance, and press it with a steel trowel.

6. Press for Finish
   For the finish, trowelling shall be performed in one direction only, by pressing the surface a few times for the start. Then, normally 2 or 3 hours later, to flatten the unevenness or waves of trowelling, a finish trowelling shall be performed.

CURING

1. Hardened floor after the finish process shall be cured under cover of materials such as waterproof sheet for about 48 hours until it becomes hard enough. This may in some cases generate efflorescence or color shading.

2. The area shall not be opened until 3 days for light pedestrians and 3 weeks for heavy traffics.

MAINTENANCE

1. If efflorescence or color shading should occur on the COLORCONcrete floor, special specification will be required. However, the problem will be solved in the meantime as such efflorescence will in most cases be removed with use.

2. By collecting dust occasionally with a vacuum cleaner, and by wiping frequently with a mop, COLORCONcrete floor will develop a polish-like finish with use.

PACKING

In 20 kg (10 m²) bag

NOTES

1. Standard Coverage: 2 kg/m² (10 m²/20 kg bag)
   Except 11.5 ~ 3.5 kg/m² to be required for mixture of specially designated colors.

2. For non-slip finishing surface, disseminate COLORCON over the concrete surface, and after pressing down with a steel trowel, finish the face with a brush or roller. In this case, 2.5 ~ 3.5 kg/m² to be required.

3. In applications requiring more anti-wearing strength, especially for heavier transportation, a method may apply with coverage specification of 3.0 ~ 3.5 kg/m².

COLOR SAMPLES
(Minerals are used for all colors.)

* Actual colors may be somewhat different from these samples which are printed.

Tiger Balm Garden (Singapore)
Texture Mold Finish
Hanger