



SYNPAVE CONCRETE SURFACE PREPARATION PROCEDURE

1. New concrete should be allowed to cure for a minimum of twenty-eight (28) days.
2. Ensure surface is free from all dust, dirt, grease etc.
3. Concrete is to be etched with **Hydrochloric Acid** or **Phosphoric Acid** solution to ensure removal of any laitance and cement slurry by the following method:
 - (a) Acid should be Hydrochloric Acid of commercial grade 30-32% strength, or Phosphoric Acid of commercial grade 75-85% strength.
 - (b) Dilute prior to use with water:

Water	- 4 parts
Hydrochloric or Phosphoric Acid	- 1 part

Add acid slowly to water while stirring
 - (c) Wet concrete with water and remove excess water leaving concrete damp.
 - (d) Apply diluted acid to the surface using a watering can with shower rose nozzle and spread with a broom scrubbing lightly to evenly cover the surface.
Coverage rate: Approx. 1.2m²/ltr of diluted acid (approx. 6m²/ltr of undiluted acid) [5.45 sq.yd./gal; 27 sq.yd./gal.]
 - (e) Remove spent acid before it dries with fresh water. Wash off thoroughly using a high pressure water cleaner. A minimum 2500 psi is recommended for cleaning. Ensure all cement slurry and laitance is removed.
 - (f) Allow concrete to thoroughly dry before application of the **Rebound Ace sports surface system**.

Cracks, Saw Cuts, Expansion Joints

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| Joints, Cracks, etc. | - | "V" out where necessary, prime area with Rebound Moisture Seal, allow to dry thoroughly then fill with proprietary polyurethane sealant. |
| Hairline Cracks (less than 1mm) | - | No repair necessary before resurfacing. |