

## REBOUND ACE IMPACT

### APPLICATION PROCEDURE

#### BASE WORKS

##### Concrete

New concrete shall be allowed to cure for a minimum of 28 days.

The concrete base is to be waterproof. This means that water should not be allowed to enter the concrete base from below or from the side.

#### Surface Preparation

##### Surface Accuracy

Base surface shall be laid to an accuracy of a maximum deviation of 3mm beneath a 3 metre straight edge when measured in any direction.

##### Concrete

Ensure concrete surface is free from all dust, dirt, grease, etc. Concrete is to be etched with a mixture 4 parts **Water** to 1 part **Hydrochloric Acid** and washed off thoroughly with fresh water under pressure to ensure removal of all laitance and cement slurry.

Use of the above method is not always possible in interior applications therefore concrete grinders, dust extractors can be used. Floor must be thoroughly cleaned using vacuum scrubber machine.

Concrete is to be thoroughly dry before application of **Rebound Ace Impact**.

#### Surfacing System

Rebound Ace Impact is a water impermeable polyurethane/rubber composite surface laid in mats at a nominal total thickness of 6mm or 9mm.

#### Surface composition consists of:

1. Rebound Adhesive 2000 applied by a notched trowel.  
(Refer separate technical bulletin 'Rebound Adhesive 2000 – Application Procedure')
2. Rebound Mat (4mm or 7mm) a prefabricated polyurethane/rubber mat manufactured to Rebound Ace specifications for Rebound Ace Impact.  
(Refer separate technical bulletin titled 'Rebound Ace Mat – Application Procedure')
3. Two coats of Rebound Mat Sealer WB or Mat Sealer PU (220 or 220 FL)\* to fully seal all pores of the rubber mat.  
(Refer separate technical bulletins titled 'Rebound Mat Sealer WB - Application Procedure' or 'Mat Sealer PU' - Application Procedure').
4. Sand and vacuum to remove any nibs or lumps as necessary to achieve a smooth clean surface then one coat (2mm thick) of High Impact liquid applied by use of a wire gauge rake.  
(Refer separate technical bulletin titled 'High Impact Liquid - Application Procedure')

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5. Sand and fill any imperfections then one coat applied by lambswool or synthetic roller (approx 12mm nap).  
(Refer separate technical bulletin titled 'Impact Colour Coat WB - Application Procedure').
6. Impact Linemarking WB applied 50mm wide.  
(Refer separate technical bulletin titled 'Impact Linemarking WB - Guideline').

**\*Option: Mat Sealer PU C220 is also available in a fire-rated option, C220FL. All installation instructions are common to both materials and should be used similarly. Check with California Sports Surfaces for Fire Rating data sheet.**