

REBOUND IMPACT ARCHITECT SPECIFICATION DETAIL

1. Base Works

For details of base works, see separate specifications for construction of concrete or asphalt bases suitable for **Rebound Ace® Sports Surface** installation, refer to technical bulletin titled 'Base Construction Specification'.

- 1.1 **Concrete** - New concrete shall be allowed to cure for a minimum of 28 days

NOTE: Refer to AVS for recommended treatment of 'expansion/construction' joints.

- 1.3 **Timber** - Existing timber floors may need sanding back for adhesion. Test for adhesion qualities may be required.

NOTE: Refer to Technical Bulletin in Architect's Manual headed "Base Construction" for recommended treatment of 'expansion/construction' joints.

2. Surface Preparation

2.1 **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.

2.2 **Concrete**

Ensure concrete surface is free from all dust, dirt, grease, etc. The concrete can be thoroughly cleaned using a mechanical wet scrubber/vacuum machine (e.g. Nilfisk) to remove any surface contaminants. Concrete is to be thoroughly dry before application of **Rebound Impact**. If necessary, **Concrete Sealer GP** is to be used as a primer and moisture sealer on concrete surfaces.

2.3 **Existing Indoor Floors**

The surface must be thoroughly cleaned and existing floors which are timber, vinyl sheet or other synthetic flooring must be structurally sound and have surface accuracy as stated in 2.1. The surface must be thoroughly cleaned and tested for adhesion with the **Rebound Adhesive 2000**.

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3. Rebound Impact System

Rebound Ace® Impact is a water impermeable polyurethane/rubber/polymer composite surface system laid with mats to provide a choice of minimum total thicknesses of either 6mm or 9mm.


Surface composition consists of:

- 3.1 **Rebound Adhesive 2000** applied by a notched trowel.
- 3.2 A choice of either 4mm thick (for the overall 6mm system) or 7mm thick (for the overall 9mm system) prefabricated polyurethane rubber mat specified for **Rebound Impact**.
- 3.3 Minimum of two coats of **Rebound Mat Sealer WB (STD)**, a two component water based polymeric emulsion sealer applied by trowel to fully seal all pores of the rubber mat and all joints to provide a seamless surface.
- 3.4 **High Impact Liquid** applied by a notched squeegee and allowed 24 hours to cure.
- 3.5 **Impact Colour Coat WB** applied by a lambswool roller with a 12-16mm nap.

4. Linemarking

Impact Linemarking is available in various colours for a variety of sports.

5. Coverage Rates

- 6.1 **Concrete Sealer GP** when used should be applied at a total rate of 0.7 – 1.0 Kg/m² in 2 coats.
- 6.2  **Rebound Adhesive 2000** applied at a rate of 0.6 – 1.0 Kg/m² depending on the type and porosity of surface.
- 6.3 **Rebound Mat Sealer WB (Std)** applied at a total rate of 0.35 - 0.5 Lt/m² (0.35 – 0.5 kg/m²) in 2 coats.
- 6.4 **High Impact Liquid** applied at a rate of 2.5 - 2.85 Kg/m².
- 6.5 **Impact Colour Coat WB** applied at a total rate of 0.16 - 0.2 Kg/m² in 2 coats.
- 6.6 **Impact Linemarking** as required.

03 2013