TECHNICAL BULLETIN

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. Special care is needed on slabs installed on 'cut and fill' sites and in areas of high water table.

Asphalt

New asphalt shall be allowed to oxidise for a period of 14-21 days depending on climatic conditions.

(Refer separate technical bulletin **'Base Construction Specification'**)

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

Asphalt

Asphalt shall be free from all dust, dirt, grease, etc. If necessary, clean asphalt by blasting with high pressure water and ensure thoroughly dry before application of **Rebound Ace® Impact.**

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Certified System
Quality
ISO 9001
SAI GLOBAL

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REBOUND ACE® IMPACT
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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 Mat – Application Procedure'**)

3. Refer to the technical bulletin titled **Rebound Mat Sealer WB (STD** under **Preparation** for joint and gap filling recommendations prior to step 4.

4. Two coats of **Rebound Mat Sealer WB (STD)** or **Rebound Mat Sealer PU** to fully seal all pores of the rubber mat.
   (Refer separate technical bulletins titled '**Rebound Mat Sealer WB (STD) - Application Procedure'** or **'Rebound Mat Sealer PU' - Application Procedure'**).

5. Sand and vacuum to remove any nibs or lumps if 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'**)

6. 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'**)

7. **Impact Linemarking WB** applied 50mm wide.
   (Refer separate technical bulletin titled **'Impact Linemarking WB - Guideline').**

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