

COURT PATCH BINDER

DESCRIPTION

Court Patch Binder is a high strength acrylic latex bonding liquid designed to mix with Silica Sand and Portland Cement as an easy to use patching compound. The patching mix may be used over new or existing asphalt and concrete surfaces to repair depressions, cracks and other irregularities. Court Patch Binder allows for application of quick drying levelling patches up to 19 mm [$\frac{3}{4}$ " inch] depth.

SURFACE USES

Over new or existing asphalt and concrete pavement to correct depressions and uneven texture on:

- Tennis Courts
- Outdoor Basketball Courts
- Play Areas
- Pathways and Walks

APPLICATION

Use steel trowel and/or metal screed to fill and level depressions, bird baths or irregularities in tennis courts and other recreational pavement areas.

Cracks greater than 6mm [$\frac{1}{4}$ " inch] shall be filled and levelled with a square hand-trowel or broad knife by forcing the Court Patch Binder filler mix into the crack and striking off excess material. Edges may be feathered using a hand trowel and a damp cloth to form a smooth transition from patch to the original surface.

COLOR: Neutral

DRYING TIME

Applications of Court Patch Binder mixes dry at various rates depending on the type of mineral aggregate, the thickness applied, and the weather conditions. Thin applications by squeegee or trowel using fine aggregate will cure and dry in less than one hour.

Thick applications 19 mm [$\frac{3}{4}$ " inch] for patching deep bird baths and rough pavement will take a minimum of six hours to dry depending on temperature and humidity conditions. Patches should be allowed to cure for 24 hours before applying the coating system.

MIXES

Depressions up to 19mm [$\frac{3}{4}$ "] shall be applied by steel trowel or metal screed to level the surface to proper grade using the following mix designs.

Thin Patches 6mm [$\frac{1}{4}$ " inch] or Less

Thick Patches 6mm [$\frac{1}{4}$ " inch] or Greater

45 kg (100 lbs) #80-100 Mesh Silica Sand (dry). Use 60-80 Mesh Silica Sand (dry)
11 litres [3 gallons] Court Patch Binder
3.76 – 7.6 litres [1 to 2 gallons] Portland Cement (dry)
Minimum 5 kg. [12 lbs.], Maximum 11 kgs [24 lbs]
depending on temperature and humidity)

Mix in a clean mortar box or mortar mixer to a workable consistency. Thoroughly clean and apply a tack coat of 1 part Court Patch Binder diluted with 2 parts water to the area to be patched. Court Patch Binder mix may be applied directly to the depressed area after the tack coat has completely dried. The patch should be allowed to cure for 24 hours prior to the application of the Plexipave Color Surface System.

Depressions in excess of 19mm [$\frac{3}{4}$ "] depth must receive multiple applications of Court Patch Binder Mix, allowing 24 hours before applying subsequent lifts. Each application of Court Patch mix must be feathered out to a fine edge. Any rough edges must be rubbed down with an abrasive rubbing stone to remove roughness.

COVERAGE

Because of the wide variation in surface conditions, porosity and texture, the coverage figures given here are approximate and serve only as a guide:

Patching mix: 1 m²/36 kg [$1 \frac{1}{2}$ sq yds/100 lbs.] batch laid 13mm [$\frac{1}{2}$ "] thick.

LIMITATIONS

- Allow new asphalt surface 14 days to cure and new concrete 28 days to cure.
- Do not use in temperatures below 13°C [55°F] or when rain or high humidity is imminent.
- Ambient temperature must be 55°F 13°C [55°F] or and rising
- Keep containers tightly closed when not in use.
- Do not apply if surface temperature is in excess of 60°C [140°F]
- DO NOT ADD WATER
- KEEP FROM FREEZING. DO NOT STORE IN HOT SUN.

Important: The information, and the recommendations relating to the application/s and end use of California Sports Surfaces Products, are given in good faith based on California Sports Surfaces current knowledge and experience of the products when properly stored, handled, and applied in normal conditions. In practice, the differences in substrates, materials and actual site conditions are such that no warranty in respect of the merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Users should always refer to the most recent issue of the Australian version of the Technical Bulletin for the product concerned, copies of which are supplied on request.

PLEASE CONSULT TECHNICAL DEPARTMENT FOR PRODUCT RECOMMENDATIONS AND ADVICE. PRE-TESTING OF SUBSTRATES IS RECOMMENDED TO ENSURE PERFORMANCE OF PRODUCT UNDER ALL CONDITIONS.