



## **Pinholes**

Pinholes occur on acrylic surfaces from time to time. The causes of this aesthetic condition include a number of factors that are difficult to predict prior to application. These factors often act in combination..

Conditions that can effect the formation of pinholes in the surface finish include:

- The texture of the surface underlayment. Courser textures are more prone to pinholes. Some of the current SuperPave asphalt mixes provide a coarser texture than some of the older available mixes.
- The drying conditions during application. Hotter weather tends to increase the potential for pinholes, as the higher surface temperature causes the rapid evaporation of water from the coating mix.
- When mixing the paint, air bubbles and foaming can form; these may result in the formation of pinholes.

Once the pinholes are a part of the surface structure they are very difficult to overcome.

Pinholes have no adverse affect on an acrylic finish if the correct number of applications has been applied. Acrylic sport surfaces are designed to allow water vapor to pass through them.

The finish surface should have a uniform texture for consistent play characteristics. Pinholes are so small they should not affect the surface texture nor do they affect the longevity or playability of the surface. Therefore, they are considered acceptable.

*Differences in site, weather and soil conditions require variations in construction and repair methods and materials. Readers are advised to consult a qualified contractor or design professional before undertaking construction or repair of a court. Rev. 06/08*