Airport cold joints are resistant to low temperatures

Currently, the main reasons for sealant failure include poor adhesion between sealants and substrates, aging of sealants, inadequate resistance to high and low temperatures, and limited ...

In airport projects, concrete production interruptions are not acceptable. Any disruption in concrete supply can cause cold joints, weaken the pavement structure, and potentially compromise ...

In the cold climate areas the width of joints and cracks is changing widely with temperature. The joint sealant must thus be flexible enough to compensate for the relatively large dimensional changes ...

Airport pavements are designed, constructed, and maintained to support the critical loads imposed on them and to produce a smooth, skid-resistant, and safe-riding surface.

Most sealant has a tendency to become stiffer and more difficult to work with as temperature decreases; silicone based sealants are the least susceptible to increased viscosity due to low temperatures.

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Sealing in extreme low temperatures presents unique challenges. Parker"s engineered seals can help maximize the effectiveness of your seals in cold temps.

DECK-O-SEAL 150 is designed for general purpose sealing of joints and seams that are saw cut in forklift traffic areas and offers outstanding resistance to most chemicals, to all weather conditions, ...

Resist UV light, extreme temperatures and help keep water out of joints to prevent freeze-thaw damage. Ideal for use in joints that experience a high degree of movement. Silicones have greater UV stability ...

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