



# COMMON PROBLEMS DURADEK CAN SOLVE



SUNDECKS | ROOF DECKS | BALCONIES | PATIOS | STAIRS | POOL DECKS | WALKWAYS

## CONDITION

## BENEFIT

**Leaking water beneath the deck surface**

Duradek completely seals the deck sub-surface, ensuring water never reaches the building envelope and completely protects everything below.

**Rot and deteriorating lumber**

By preventing both the sun and the moisture from getting to the lumber, it will last indefinitely. Costly structural repairs will be eliminated.

**Painting and staining**

Time and material savings will result from the application of the Duradek system.

**Safety**

The textured surfaces will increase the slip resistance as well as prevent injuries due to splinters or raised nail heads.

**Cleanliness/bacteria resistance**

The surface can be quickly and easily cleaned and discourages algae or other bacteria growth.

**Chemical resistance**

Snow removal chemicals, swimming pool chemicals and acid rain have little effect on the surfaces as long as they are regularly cleaned with Duradek approved solutions.

**Expansion/contraction of sub-surface**

The vinyl membrane bridges all cracks and moves continuously with the sub-surface. The single ply system has been proven in the roofing and waterproofing industry to be a superior method of protecting surfaces subject to a lot of movement.

**Spalling concrete and rusted re-bar**

By protecting concrete surfaces with a vinyl membrane, you can prevent the surface damage caused by the freeze/thaw cycle. Expensive structural repairs to rusted reinforcing metals inside cracked concrete can be prevented.

**Expansion/contraction of metal flashings**

Many liquid coatings fail where the metal flashings join the sub-surface or overlap due to the continual movement. They rely on adhesion to the metals. The Duradek sheet vinyl system completely covers the metal flashings which will eliminate potential leaks at the junctions.

**Mildew**

Mildew (along with mold, moss, and algae) growth have little effect on the surfaces as long as they are regularly cleaned with Duradek approved solutions.

**Completion time/ repeat visits to jobsite**

Unlike the liquid systems which often need 2-3 days to complete and tie up a jobsite, the Duradek sheet vinyl system can be completed in one step (one day) and used immediately.

**Climate conditions for optimum installations**

Sheet vinyl systems can be installed under a wide variety of weather conditions from below freezing to very hot direct sun.

**Covering existing coatings**

Duradek can cover some existing coatings in addition to bare plywood or concrete.

**Weight/maintenance of mechanical protection**

This membrane is designed for pedestrian traffic and does not need to be protected by cedar boards or concrete pavers.

**Appearance**

Traditional waterproofing membranes lack the clean, bright, luxurious appearance that Duradek sheet vinyl offers. Duradek is available in a wide choice of different finishes in contemporary and nature inspired patterns to complement exterior design and enhance the overall decor of the building.

**Life cycle costs**

Duradek vinyl will last from 15 to 25+ years depending on several factors including care and environmental exposure.

**Warranty**

Duradek sells its products through a network of trained applicators and offers a 3 tiered, transferable warranty that includes material, appearance and labor.

**Dry below**

Duradek ensures the area underneath remains completely dry, which allows for extra storage space.