

PVC and KEE HP Roofs: the Long-Term Solution for Airports

Airport roofs are exposed to jet fuel fallout and particles, oils and greases from restaurants, nitrogen oxides, and wind-blown overspray of deicing liquids. These harsh conditions, in addition to everyday wear and tear, mean that these buildings' roofs are under constant attack. Carlisle's Sure-Flex PVC and KEE HP membranes provide excellent resistance to chemicals, as well as UV, fires, and punctures that can be caused by maintenance personnel.

CHEMICAL RESISTANCE

Airport buildings are exposed to a wide variety of chemicals, jet fuel from planes and helicopters, deicing chemicals and other types of cleaning solutions, greases and animal fats from restaurants. Carlisle's economical PVC and KEE HP membranes provide superior resistance to chemicals, which enhances the performance and long-term service life of the roofing system.

FIRE RESISTANCE

Carlisle's PVC and KEE HP offer the best fire resistance of any single-ply roofing membranes, which helps to ensure the safety of airport passengers and staff. PVC and KEE HP membranes are difficult to ignite, have low heat release, generate less smoke than other materials, and are self-extinguishing in case of a fire.

ENERGY SAVINGS

Sure-Flex PVC and KEE HP roofing membranes are highly reflective and can help reduce air-conditioning costs by keeping buildings and occupants cooler. Carlisle's KEE HP membrane stays cleaner for a longer period of time than any other PVC-based membrane in the market today, which helps to retain reflectivity. To help cut glare for pilots, Carlisle's PVC and KEE HP membranes are available in gray and tan, which still offer excellent UV reflectivity. For those buildings that are not in the flight path, white membrane is available.

QUICK, QUIET INSTALLATION

Sure-Flex PVC and KEE HP membranes are seamed using a hot-air gun to weld the rolled material together, and can be installed quickly in a wide range of temperatures. Carlisle's large selection of products includes low-odor, water-based adhesives that are ideal for airport projects. Carlisle stocks PVC and KEE HP at three factory locations for quick shipment to jobsites, or material can be purchased from one of dozens of distributors across the United States.

Sure-Flex™ PVC Roofing Systems



DURABILITY AND EASE OF REPAIR

Carlisle's PVC and KEE HP roofing membranes are strengthened by tenacious, weft-inserted reinforcing fabrics that enhance resistance to the punctures and tears that can be caused by vandalism and routine foot traffic. If damage does occur, these membranes can be repaired quickly and easily. Carlisle offers accidental puncture warranty coverage which covers the repair of punctures on the roof – regardless of who caused the damage – up to a certain number of hours per year.

EXPERIENCE THE CARLISLE DIFFERENCE



FULL LINE OF LABOR-SAVING FLASHING ACCESSORIES

Carlisle offers a complete line of custom and prefabricated flashing accessories to fit any size and shape of penetration. Carlisle's prefabricated flashing accessories are made from KEE HP-enhanced PVC membrane, which provides excellent protection at critical transition areas. No other PVC manufacturer offers KEE HP accessories.

WHY CHOOSE CARLISLE?

Airports around the country trust Carlisle's PVC and KEE HP membranes to protect their assets, including O'Hare International (ORD), Logan International (BOS), SEA-TAC International (SEA), Oakland International (OAK), Spokane International (GEG), St. Louis Lambert International (STL) and many others.

