



15.0 COLD-WEATHER APPLICATION

Roof application below 40 degrees F can result in problems. Special measures must be taken to insure proper performance of the roofing system. Coated rolls may require additional handling as described below to relax the sheets during cold weather.

Any moisture that could cause poor adhesion, skips in mopping, or entrapment within the system must be removed from the substrate.

Since bitumens tend to chill quickly on a cold deck, components of the roofing system **must be installed rapidly**, close to the mop, well imbedded, and completely broomed. Bitumen must not be overheated to compensate for rapid cooling. All hoses, hoppers, and buggies should be insulated.

To insure satisfactory performance, TAMKO TAM-CAP mineral-surfaced cap sheet must not be applied if the ambient temperature is below 60 degrees F. TAMKO TAM-CAP must be unrolled, cut into lengths of 12 to 18 ft. and allowed to flatten and warm up prior to application.

AWAPLAN PREMIUM, AWAPLAN PREMIUM FR, AWAPLAN HEAT WELDING, AWAPLAN 170 FR, AWAPLAN 170, AWAPLAN VERSA-SMOOTH, AWAPLAN VERSAFLEX, AWAFLEX FR, AWAFLEX, or VERSA-CAP FR installation at material temperatures below 50 degrees F requires precautions to insure satisfactory performance.

Moppings cool very quickly when applied to a cold roof deck or insulation, and cold AWAPLAN PREMIUM, AWAPLAN PREMIUM FR, AWAPLAN HEAT WELDING, AWAPLAN 170 FR, AWAPLAN 170, AWAPLAN VERSA-SMOOTH, AWAPLAN VERSAFLEX, AWAFLEX FR, AWAFLEX, OR VERSA-CAP FR should not be applied with asphalt that is below 400 degrees F at the point of application.

Do not mop the asphalt more than 4 ft. in front of the roll. Immediately press the roll into the hot asphalt by applying pressure to the factory core in the roll.

AWAPLAN PREMIUM, AWAPLAN PREMIUM FR, AWAPLAN HEAT WELDING, AWAPLAN 170 FR, AWAPLAN 170, AWAPLAN VERSA-SMOOTH, AWAPLAN VERSAFLEX, AWAFLEX FR, AWAFLEX, or VERSA-CAP FR may need to be unrolled and cut into lengths of 12 to 17 ft. to allow it to flatten and warm up prior to application. Storage in a heated area immediately prior to application is recommended.

Wrinkles in the field of the sheet are not uncommon occurrences with AWAPLAN PREMIUM, AWAPLAN PREMIUM FR, AWAPLAN HEAT WELDING, AWAPLAN 170 FR, AWAPLAN 170, AWAPLAN VERSA-SMOOTH, AWAPLAN VERSAFLEX, AWAFLEX FR, or AWAFLEX application in cold weather. Wrinkles that are not fishmouths and are fully adhered should be left alone; this type of wrinkle will generally relax and disappear over time.

For further information concerning cold-weather application, contact the Technical Services Department at 1-800-641-4691.