PROJECT PROFILE | Norton Sound Hospital, Nome, AK

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PRODUCT(S)
WrapSHIELD SA® Self-Adhered

PROJECT DESCRIPTION
Over 65,000 ft. sq. of WrapShield SA Self-Adhered was installed at the Norton Sound Hospital in Nome, Alaska. WrapShield SA Self-Adhered combines the best properties of a vapor permeable membrane (50 perms) and an air barrier in one innovative, affordable self-adhering product.

WrapShield SA Self-Adhered Air Barrier membrane fully bonds to the most common construction substrates and offered all of the required attributes of an air barrier: easy to install, permeability (50 perms), no primer, zero VOC's and no negative effects on the EPS foam.

WrapShield SA Self-Adhered Air Barrier is being installed during extreme weather conditions near 0°F and constant winds of 20-50 mph. The demanding requirements of this project made WrapShield SA Self-Adhered membrane the perfect air barrier solution.

The extremely cold climate (sustained temperatures of 0°F) would not allow the use of liquid or sheet good air barriers requiring primer. A mechanically attached air barrier would have been difficult and impractical to install due to the continuous winds (20-50 mph), and would have required long length fasteners, penetrating the membrane into the building envelope. These long fastener penetrations would dramatically compromise the air barrier system performance and impact the overall thermal value of the building.

This 150,000 sq. ft. project replaces the 61 year old current hospital and is to be completed in 2012.

Over 65,000 sq. ft of WrapShield SA Self-Adhered was installed at Norton Sounds.

Close up of WrapShield SA Self-Adhered (orange). Note: the tight adhesion to the foam panels (white).

Installation of cladding over WrapShield SA Self-Adhered (orange)