

# DuPont™ Tyvek® Supro Roofing membrane

## Providing protection in roofs



DuPont™  
**Tyvek®**



The miracles of science™

## Five Easy Steps to a Better Roof

**1.** Starting at one end of the roof edge, the Tyvek® Supro membrane is rolled out so that the white “peel strip” is at the top and facing out. The membrane is secured in place with wide staples as it is rolled out for quick, easy installation.



**2.** The 2nd course is rolled out overlapping the 1st course so that the bottom edge of the 2nd course covers the “peel & stick” strip at the top of the 1st course.



Tyvek® Supro roofing membrane is a flexible, non-woven sheet material made from high density polyethylene (HDPE). It is spun-bonded and carefully engineered to provide high water vapour permeance while at the same time providing high resistance to air and bulk water.

DuPont™ Tyvek® roofing membranes are suitable for use in most forms of COLD or WARM\* pitched roofs and may be used in new-build, refurbishment and retro-fit projects. They help protect the building against rain, snow and wind and the risk of damaging condensation. They can also help to achieve significant gains in energy efficiency– the size of those gains will be determined by how the membranes are installed.

*\* Pitched roofs are commonly identified as COLD if they incorporate thermal insulation at ceiling level, leaving a cold attic, or as WARM if they incorporate thermal insulation at the rafter line.*

**3.** The paper peel strip is pulled back exposing a manageable length of adhesive. It is important to ensure the two courses are securely tacked together with the adhesive before continuing along the roof. The process is repeated with additional courses up to the roof peak.



### Tyvek® Supro benefits

- Tough, tear-resistant and anti-slip
- Made from lightweight spunbonded olefin
- Highly vapour permeable
- Provides one plane for water drainage
- Very low VOC off-gassing– suitable for “green building” applications
- Highly air and water resistant
- Self-tacking adhesive strip for easy installation

## DuPont™ Tyvek® at the Seabird Island Sustainable Community Project

4. Vertical wooden battens are installed at specified spacing. If horizontal counter-battens are specified, they are fastened on top of the vertical battens, again using the specified spacing.



5. The metal roof panels are fastened on top of the counter-battens.



Tyvek® building materials were specified for the Seabird Island project by the architectural and environmental design firm Broadway Architects for a variety of reasons. Two important objectives for this project were energy efficiency and the use of non-off-gassing building materials to achieve a healthier indoor environment.

This was particularly important for the roofing materials because the energy-efficient roof system is designed so that solar-heated air under the metal roof panels is circulated by the building's air distribution system to help heat the building and reduce energy costs.

Other Tyvek® Weatherization System products were specified for the Seabird Island project to improve energy efficiency and to help protect the building from water damage. The walls of all the main buildings at the site make use of Tyvek® HomeWrap® air barrier material and the window sills are flashed using DuPont™ FlexWrap™. On-site assistance to the contractors was provided by the DuPont™ Tyvek® Specialist responsible for the B.C. market, Geoff Keats.



## Tyvek® HomeWrap®

More than 20 years of residential performance on millions of homes around the world. Designed and specified for comfort, energy efficiency and protection from water and moisture damage.

## Tyvek® StuccoWrap®

With a specially engineered surface texture designed for water management on EIFS (exterior insulated finish systems) Tyvek® StuccoWrap® can be used in both commercial and residential construction.

## Tyvek® CommercialWrap®

Designed to withstand the more rigorous construction site conditions of commercial building, Tyvek® CommercialWrap® is heavier, more durable with higher air and water resistance, to provide extra protection and installation ease in light commercial construction.

## DuPont® Flashing System

Now includes DuPont FlexWrap™ and DuPont StraightFlash™. These innovative products work together to revolutionize the way you flash around window openings. These flashings contain no asphalt and are durable, tough and tear-resistant. They adhere to most common building materials with a quick release backing for ease of installation.



Contact:

DuPont Canada Inc.  
P.O. Box 2200 Streetsville  
Mississauga, ON  
Canada L5M 2H3

1-800-44-TYVEK  
[www.tyvek.com](http://www.tyvek.com)

To contact a DuPont™ Tyvek® Specialist  
in Canada: 1-800-659-1899

DuPont™  
**Tyvek®**



*The miracles of science™*