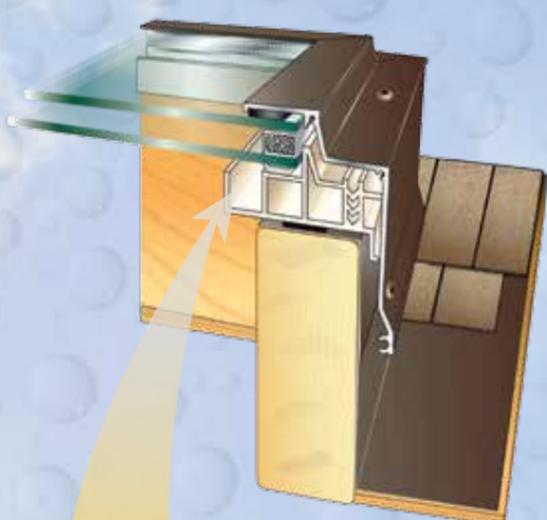


What is your Skylight base frame made of?

Columbia Skylights has always incorporated the finest component materials in our fabrication. Skylights are windows on your roof, and we duplicate leading window manufacturers with white PVC (polyvinyl chloride) base frames to match your inside lightwell on residential applications. For commercial installations we utilize aluminium, with a large thermal break, to eliminate cold transfer. Leading building envelope consultants prefer the Columbia base frame choices to less expensive EPDM rubber frames.

COLUMBIA VCM



COLUMBIA AC AOF



Skylight Condensation Solutions

All Columbia skylights incorporate a base frame with an integrated 4-sided condensation gutter to collect moisture caused by Canada's extreme weather conditions.



PVC (Polyvinyl Chloride) Base Frame with effective 4-sided rigid condensation gutter

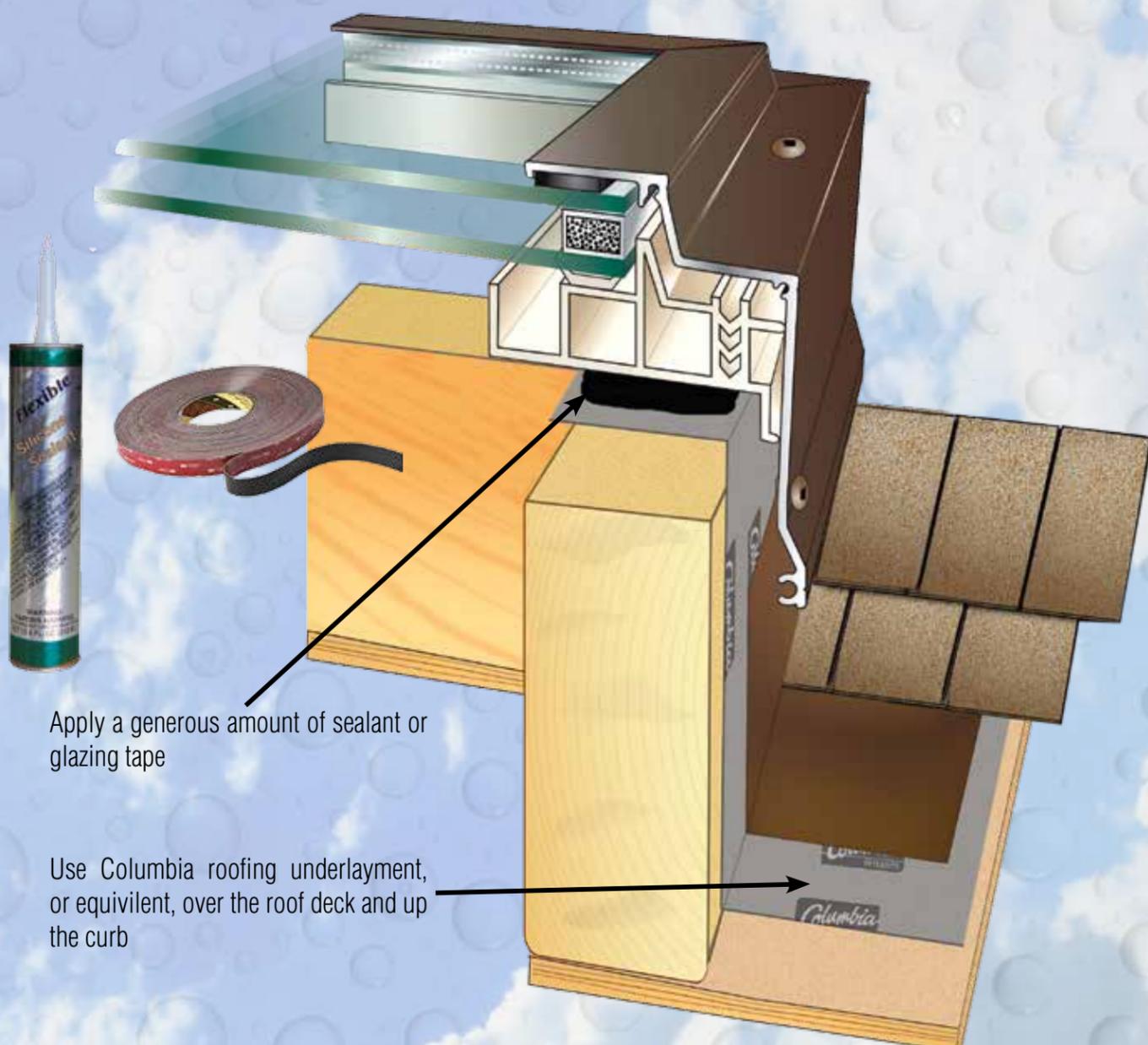


Thermally broken Aluminium Base Frame with effective 4-sided rigid condensation gutter



Adequate deep condensation gutters, on all 4 sides of your skylight, to prevent water staining in your light shaft. Staining is particularly evident with some wood skylights that have small one sided or no condensation gutters at all.

Sealing your curb mount Skylight to a site built curb



Apply a generous amount of sealant or glazing tape

Use Columbia roofing underlayment, or equivalent, over the roof deck and up the curb

'Wet Seal' provides the most effective long term skylight seal to ensure no air leakage, water infiltration and heat loss. We recommend the use of:

- Silicone caulking
- Glazing tape

Building envelope consultants recommend a 'wet seal' for superior long term results against air and water infiltration over other methods of sealing such as foam tapes or dependence on EPDM gaskets. An uneven curb surface or an out of square curb can compromise the seal between the EPDM gasket and the curb.