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Technical Bulletin TB-2021-01

Extruded Polystyrene (XPS) Insulation changes.

Effective January 1, 2021 the Government of Canada implemented regulations phasing out the import or manufacture of products containing any hydrochlorofluorocarbons (HCFCs) in compliance with the ozone-depleting substances and halocarbon alternative regulations that aim to reduce the supply of hydrofluorocarbons (HFCs), thereby lowering future HFC releases into the environment. These regulations will reduce Canadian global warming potential (GWP) and greenhouse gas (GHG) emissions allowing Canada to meet obligations established under the Kigali Agreement to the Montreal Protocol on Substances that Deplete the Ozone Layer.

Manufacturers of Extruded Polystyrene Insulation (XPS) have revised their production methods to phase out the use of HFC-134a gas as a blowing agent to meet this regulation. Although the colour and/or name of the products have changed they still meet the standards (CAN/ULC S701) and requirements to be accepted as ARCA Accepted Materials when used in compliance with the ARCA Roofing Application Standards to achieve an ARCA Warranty Certificate.

Original XPS Products

Owens Corning

FOAMULAR C-300
FOAMULAR 350

DuPont

Deckmate Type 2 (blue)
Deckmate 200 Type 3 (blue)
Roofmate Type 4 (blue)
Deckmate Plus (blue)

Soprema

SopraXPS 35 (orange)
SopraXPS 40 (orange)
SopraXPS 60 (orange)

Revised XPS Products

FOAMULAR NGX C-300
FOAMULAR NGX 350

Deckmate Type 2 (grey)
Deckmate 200 Type 3 (grey)
Roofmate Type 4 (grey)
Deckmate Plus (grey)

SopraXPS 35 (grey)
SopraXPS 40 (grey)
SopraXPS 60 (grey)

Changes will be referenced in the ARCA Roofing Application Standards Manual, ARCA Project Information Forms and the ARCA Approved Products Listing.