

February 26, 2021

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IKO Industries Ltd.40 Hansen Road South
Brampton, Ontario
L6W 3H4

Attn: Mr. Gareth Christopher,

Re: Torchflex™ Ultra TP-HD-Cap and Torchflex™ Ultra HD-FF-Base Equivalency

At the request of IKO Industries Ltd., Element was retained to review its small-scale test database to determine whether membrane equivalency for Torchflex™ Ultra TP-HD-Cap and Torchflex™ Ultra TP-HD-FF-Base, can be included in applicable full scale CSA A123.21 dynamic wind uplift roof test assemblies.

Element has reviewed the various types of roof assemblies, and it is our opinion that roof assemblies comprised with Torchflex™ TF-95-FF-Base and Torchflex™ TP-180-Cap can be substituted with Torchflex™ Ultra HD-FF-Base and Torchflex™ Ultra TP-HD-Cap membranes. These substitutions are acceptable only for the following dynamic wind uplift roof assemblies:

Substitution with Torchflex™ Ultra HD-FF-Base

- MARS 005 (System A, B, C, and D)
- AARS 004, AARS 005, AARS 006, AARS 008, AARS 011, AARS 015, AARS 016, AARS 018
- PARS 001-A, PARS 001-B, PARS 003, PARS 004, PARS 005, PARS 007, PARS 008, PARS 012, PARS 014, PARS 015, PARS 016, PARS 017

Substitution with Torchflex™ Ultra TP-HD-Cap

- MARS 005 (System A, B, C, and D)
- AARS 004, AARS 005, AARS 006, AARS 007, AARS 008, AARS 011, AARS 012, AARS 013, AARS 014, AARS 015, AARS 016, AARS 017, AARS 018
- PARS 001-A, PARS 001-B, PARS 002, PARS 003, PARS 004, PARS 005, PARS 006, PARS 007, PARS 008, PARS 012, PARS 014, PARS 015, PARS 016, PARS 017

by:

Allan Lawrence, Ext. 11212
Supervisor, Building Systems
Industrials Division

Accreditation: Element is an ISO 17025 accredited test lab under International Accreditation Service “TL-407”. In addition, CSA A123.21 can be found under our scope of accreditation listing.

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