TEST RESULTS BY PROFILE

2026

We are committed to offering quality products adapted to the various industry standards of the North American market. Our technical team works continuously with different accredited laboratories to ensure that our products meet the latest requirements in building construction as well as the realities of each of the regions we operate in. Our list is evolving; we invite you to consult it frequently. However, if you have any questions about the approval status of a test that is not listed, please contact Guillaume Racicot, technical representative, gracicot@macmetalarchitectural.com.

TYPE OF TEST	CAN/ ULC-S135	ASTM E84	W.U.I.	ASTM D5206-06A	ASTM E330	ASTM E283	FBC	TDI	Miami Dade, ASTM E1886, E1996, TAS 202 & TAS 203
PROFILE	Fire resistance (CA)	Fire resistance (USA)	Wildland Urban Interface accreditation	Maximum sustained pressure	Plank deflection under wind pressure (Tested for the variables below, the results are available upon request)	Air leakage of the wall assembly	Florida Building Code accreditation	Texas Department of Insurance accreditation	Miami Dade
HARRYWOOD | HARRYWOOD BLOCK	Compliant	Class A	Inscription 8140-2358-0500	3750 Pa (78.32 psf) 16 in c/c	16 in c/c 24 in c/c	Compliant	FL34688	Evaluation EC-136	UL assembly number ZHLA.63: Requires 16 in c/c Design pressure 75 psf Wind zone 4. Missile impact as per ASTM E1996 level D (9 lb 2x4 @ 50 ft/s) TAS 202 & 203
HARRYWOOD PLUS	Compliant	Class A	Inscription 8140-2358-0500	3750 Pa (78 psf) 16 in c/c 3030 Pa (63 psf) 24 in c/c	16 in c/c 24 in c/c	Compliant	FL41492	Evaluation EC-150	UL assembly number ZHLA.63: Requires 16 in c/c Design pressure 75 psf Wind zone 4. Missile impact as per ASTM E1996 level D (9 lb 2x4 @ 50 ft/s) TAS 202 & 203
MS 14	Compliant	Class A	Inscription 8140-2358-0500	Untested	Untested	Untested	In progress	Untested	Untested
NORWOOD | NORWOOD MINI	Compliant	Class A	Inscription 8140-2358-0500	5625.9 Pa (117.5 psf) 16 in c/c 3830.4 PA (80 psf) 24 in c/c	Norwood Mini 16 in c/c 24 in c/c Norwood 16 in c/c 24 in c/c	Compliant	In progress	Evaluation EC-139	Untested
VERSA | METAL BLOCK	Compliant	Class A	Inscription 8140-2358-0500	3830.4 Pa (80 psf) 16 in c/c 3112.2 Pa (65 psf) 24 in c/c 2453.9 Pa (51.3 psf) 36 in c/c 2384.3 Pa (49.8 psf) 48 in c/c	16 in c/c 24 in c/c	Compliant	In progress	Evaluation EC-155	Untested
BOARD AND BATTEN	Compliant	Class A	Inscription 8140-2358-0500	2333.8 Pa (49 psf) 16 in c/c 2553.6 Pa (53 psf) 24 in c/c	16 in c/c 24 in c/c	Compliant	In progress	Evaluation EC-148	Untested
REVERSE BOARD AND BATTEN	Compliant	Class A	Inscription 8140-2358-0500	2573.6 Pa (54 psf) 16 in c/c 2952.6 Pa (62 psf) 24 in c/c	16 in c/c 24 in c/c	Compliant	In progress	In progress	Untested
FLUTED PANELS	Compliant	Class A	In progress	3591 Pa (75 psf) 16 in c/c	16 in c/c	Untested	Untested	Untested	Untested

***Please note that all the above values are ultimate limits until failure, no safety factor was included

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PROFILE	Fire resistance (CA)	Fire resistance (USA)	Wildland Urban Interface accreditation	Maximum sustained pressure	Plank deflec-tion under wind pressure (Tested for the variables below, the results are available upon request)	Air leakage of the wall assembly	Florida Building Code ac-creditation	Texas Department of Insurance accreditation	Miami Dade
POLYMAC 22 G (With 24 in c/c visible screws)	Compliant	Class A	Inscription 8140-2358-0500	6384.0 Pa (133,3 psf) 16 in c/c 5665.8 Pa (118,3 psf) 24 in c/c	16 in c/c 24 in c/c	Compliant	In progress	EC-158	In progress
POLYMAC 24 G (Without 24 in c/c visible screws)	Untested	Class A	Inscription 8140-2358-0500	1755.4 Pa (36.7psf) 24 in c/c	24 in c/c	Compliant	Untested	EC-158	Untested
MS 1 | MS 2 | MS 1 MOD. | MS AUTHENTIC	Compliant	Class A	Inscription 8140-2358-0500	2872 Pa (60 psf) 16 in c/c 2872 Pa (60 psf) 24 in c/c 1915.2 Pa (40.0 psf) 36 in c/c 1316.7 Pa (27.5 psf) 48 in c/c	In progress	Compliant	Untested	Untested	Untested
MS 3 & MS 4	Compliant	Class A	Inscription 8140-2358-0500 MS 4- Untested	Untested	Untested	Untested	Untested	Untested	Untested
CORRUGATED (MS 380)	Compliant	Class A	Inscription 8140-2358-0500	Untested	Untested	Untested	Untested	Untested	Untested
MS 750 & MS 750I	Compliant	Class A	Inscription 8140-2358-0500	Untested	Untested	Untested	Untested	Untested	Untested

***Please note that all the above values are ultimate limits until failure, no safety factor was included

CAN/ULC-S114 - Not applicable to MAC products, as this Canadian Building Code non-combustibility test is only valid for " raw " building materials without any additional coating. MAC galvanized steel with a paint coating must therefore be tested according to CAN/ULC-S135.

CAN/ULC-S135 - Applicable to "composite" or "laminated" building materials that may also be coated with paint (with maximum thickness) to determine their combustibility level by testing for smoke and energy release when subjected to a flame for a specified time. Materials meeting the smoke and heat release limits are considered acceptable in non-combustible construction.

ASTM E136 - A standard similar to CAN/ULC-S114 applicable to "raw" building materials with no additional covering and no flame when tested. Not applicable to MAC products.

ASTM E84 - A standard similar to CAN/ULC-S135 applicable to building materials with a non-combustible base and covered with a flammable material of maximum 1/8" thickness. The test addresses the smoke and energy release according to limit values and allows the product to be categorized under the following categories:

ASTM E84 Acceptance Criteria

Class	Flame Spread Index	Smoke Development Rating
Class 1 or A	0 – 25	450 maximum
Class 2 or B	26 – 75	450 maximum
Class 3 or C	76-200	450 maximum

The raw material is tested according to CAN/ULC-S135 and ASTM E84 standards, so all MAC panels are deemed non-combustible by these tests, except for Polymac because of the polystyrene foam which is combustible. Our products are therefore all Class A according to ASTM E84 (except Polymac).

ASTM D5206 - Failure test of assembled wall of a MAC product (flashing, starter strip, J trims, profile, all installed on an 8' x 8' wall) subjected to pressure increments of 250 Pa until failure. This test tests the maximum positive pressure (exfiltration, worst case scenario) supported by our products so that architects or building engineers can determine the height of use of the MAC product on their various projects.

ASTM E330 - Deflection test of the profile when subjected to positive and negative wind pressures (exfiltration and infiltration). This test is performed on 8' x 8' profile walls of the same assembly as the walls for the D5206. Pointers measure the deflection (bulging) of the profiles at different points in order to obtain a deformation chart of the profiles according to the screwing C/C and the sustained wind pressure. This is a more comprehensive test than ASTM D5206, but does not test the ultimate value (required for TDI listing).

ASTM E283 - Air infiltration test using standard building code air flow and pressure to verify the watertightness of the wall assembly. The test is performed mainly through the Soprema membrane installed under the material. This test is either pass or fail value (required for TDI listing).

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