CONSTRUCTION DETAILS

AEROLON®
THERMAL INSULATING COATING + TAPE

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INNOVATION IN EVERY COAT.
GENERAL NOTE:
1. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
2. INBOARD AEROLON COVERAGE AREA CAN VARY DEPENDING ON PROJECT.
   CONTACT YOUR TNEMEC COATINGS CONSULTANT FOR SPECIFIC RECOMMENDATIONS.
GENERAL NOTES:
1. DEPENDING ON LENGTH OF EXTERIOR EXPOSED BEAM, ADDITIONAL AEROLON THICKNESS MAY BE REQUIRED.
2. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
3. INBOARD AEROLON COVERAGE AREA CAN VARY DEPENDING ON PROJECT.
   CONTACT YOUR TNEMEC COATINGS CONSULTANT FOR SPECIFIC RECOMMENDATIONS.

SCALE: NTS
GENERAL NOTES:
1. DUE TO LACK OF EXTERIOR EXPOSED BEAM, ADDITIONAL AEROLON THICKNESS MAY BE REQUIRED.
2. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATIONS.
3. INBOARD AEROLON COVERAGE AREA CAN VARY DEPENDING ON PROJECT.
   CONTACT YOUR TNEMEC COATINGS CONSULTANT FOR SPECIFIC RECOMMENDATIONS.
GENERAL NOTES:
1. DEPENDING ON LENGTH OF EXTERIOR EXPOSED BEAM, ADDITIONAL AEROLON THICKNESS MAY BE REQUIRED.
2. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
3. INBOARD AEROLON COVERAGE AREA CAN VARY DEPENDING ON PROJECT.
   CONTACT YOUR TNEMEC COATINGS CONSULTANT FOR SPECIFIC RECOMMENDATIONS.
AEROLON APPLIED TO DECK AND SURROUNDINGS

STRUCTURAL STEEL BEAM

Scale: NTS

General Notes:
1. For specific Aerolon thickness, refer to project specification.
AEROLON SURROUNDS SUPPORTING STRUCTURE, AND BEAM

GENERAL NOTES:
1. BRICK EXTERIOR WALL ASSEMBLY VARIES PER PROJECT DESIGN
2. IF BRICK LINTELS ARE TO BE COATED WITH AEROLON, DO NOT COAT PORTIONS IN CONTACT WITH BRICK OR MORTAR.
3. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION

SCALE: 3" = 1'-0"
OCCUPIED FLOOR

AEROLON APPLIED TO DECK AND SURROUNDING BEAM

STRUCTURAL STEEL BEAM

OPEN SPACE

SCALE: 3" = 1'-0"

GENERAL NOTES:
1. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
GENERAL NOTE:
1. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
APPLY AEROLON CONTINUOUSLY TO UNDERSIDE OF GUTTER FLASHING

GENERAL NOTES:
1. ROOF AND GUTTER ASSEMBLY VARIES PER PROJECT DESIGN
2. FOR SPECIFIC AEROLON THICKNESS, REFER TO PROJECT SPECIFICATION.
NOTE: HOLD SERIES 971 AEROLON BACK 2" EACH SIDE OF ANY WELD.
COAT SERIES 971 AEROLON BACK ONTO GUSSET PLATE

HOLD SERIES 971 AEROLON BACK 3½" - 4" FROM TOPSIDE OF ANGLE FOR LEVELING OF BRICK PLACEMENT

NOTE: 2 LAYERS OF SERIES 945 AEROLON TAPE MAY BE USED ON RELIEVING ANGLE IN LIEU OF SERIES 971 AEROLON.

*See attached notes for surface preparation, primers and thickness.
Apply Series 945 Aerolon Tape prior to window storefront installation.

Return Series 971 Aerolon to inside face of wall.

Tie-in and overlap Series 971 Aerolon to Series 945 Aerolon Tape.

*See attached notes for surface preparation, primers and thickness.
COAT SERIES 971 AEROLON 18" AT EACH OUTRIGGER BEAM, RETURNING 18" INTO AMBIENT SPACE

*See attached notes for surface preparation, primers and thickness.
COAT SERIES 971 AEROLON 18" BOTH WAYS INBOARD (36" TOTAL) AT EACH OUTRIGGER BEAM

COAT SERIES 971 AEROLON 18" OUTBOARD AT EACH OUTRIGGER BEAM

SERIES 971 AEROLON
SERIES 945 AEROLON TAPE

*See attached notes for surface preparation, primers and thickness.
COAT SERIES 971 AEROLON 18" OUTBOARD AND 18" INBOARD BOTH WAYS (36" TOTAL) AT EACH OUTRIGGER BEAM

SERIES 971 AEROLON TAPE

*See attached notes for surface preparation, primers and thickness.
APPLY SERIES 971 AEROLON TO THE TOP, SIDES AND BOTTOM OF CONCRETE BALCONY 2’ OUTBOARD FROM THE WALL STRUCTURE

*See attached notes for surface preparation, primers and thickness.

SERIES 971 AEROLON
SERIES 945 AEROLON TAPE

TNEMEC AEROLON STANDARD DETAILS
BALCONY
NO. ASD-16
REV. 0
**TYPICAL WINDOW OPENING**

NO. ASD-17

APPLY SERIES 945 AEROLON TAPE ON EACH SIDE OF OPENING

OUTSIDE

INSIDE

SERIES 945 AEROLON TAPE

*See attached notes for surface preparation, primers and thickness.*
APPLY SERIES 971 AEROLON 2’ INSIDE AND OUTSIDE OF CURTAINWALL MULLION ON SLAB ABOVE AND BELOW

*See attached notes for surface preparation, primers and thickness.
GALORIZED STEEL PIER WITH BASE PLATE

HEAT SHRINK RUBBER COLLAR

CONVENTIONAL/FLAT FLASHING

ROOFING BY OTHERS

EXTERIOR

CONCRETE SLAB

INTERIOR

SERIES 971 AEROLON

*See attached notes for surface preparation, primers and thickness.
SURFACE PREPARATION:

• Exterior Exposure - SSPC-SP6
• Non-Exterior Exposed Area - SSPC-SP3

PRIMERS (STEEL):

• Series 394 Perime Prime

PRIMERS (GALVANIZED STEEL OR METAL DECKING):

• Series 1224 Epoxoline WB

PRIMERS (CONCRETE):

• Series 151-1051 Elasto-Grip FC
• Series v530 Omnithane

SERIES 971 AEROLON (STEEL):

Thickness:
• Steel W Shapes @ 60-100 mils
• Steel HHS Shapes @ 120-150 mils
• Steel Decking @ 120 mils

Distance:
• 36” overall inside/outside of building; must go in all directions if within 18”.

SERIES 971 AEROLON (CONCRETE):

Thickness:
• Balconies @ 100-250 mils

Distance:
• 24” inside and outside for energy loss and condensation control on concrete slabs.

SERIES 975 AEROLON TAPE:

• Two (2) 60 mil layers over primer for all openings and concrete tie-ins for balconies.