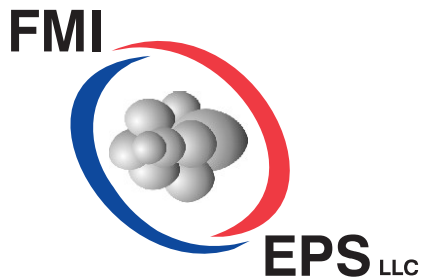




EPS SHAPES

Just
Make
Sense





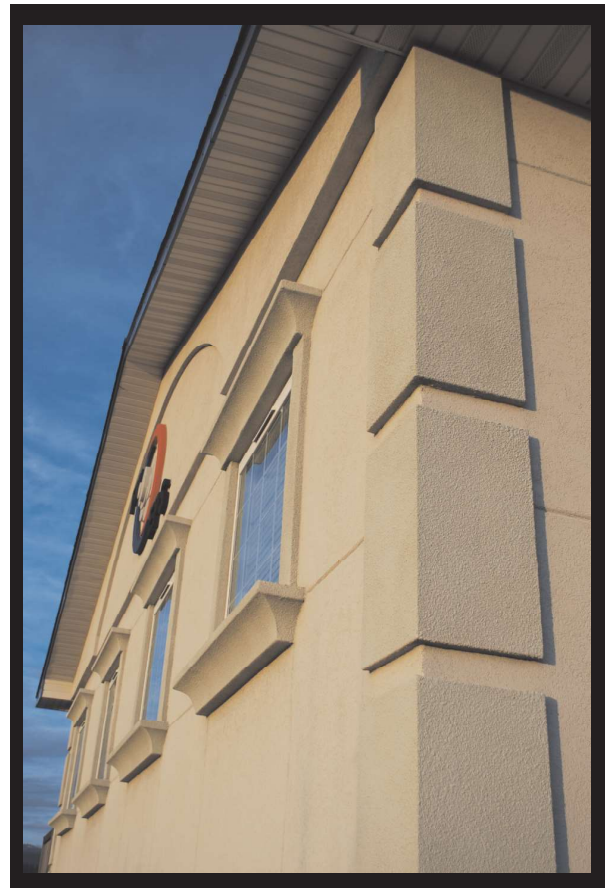
EPS & EPS ARCHITECTURAL SHAPES

FMI-EPS manufactures Expanded Polystyrene (EPS) for Insulation and Architectural Shapes which is preferred by most Exterior Insulation and Finish Systems (EIFS). EPS can be cut into insulation board stock, readily fabricated or sculptured into a stunning exterior façade, offering more creative choices in the architectural design, on your next residential or commercial project.



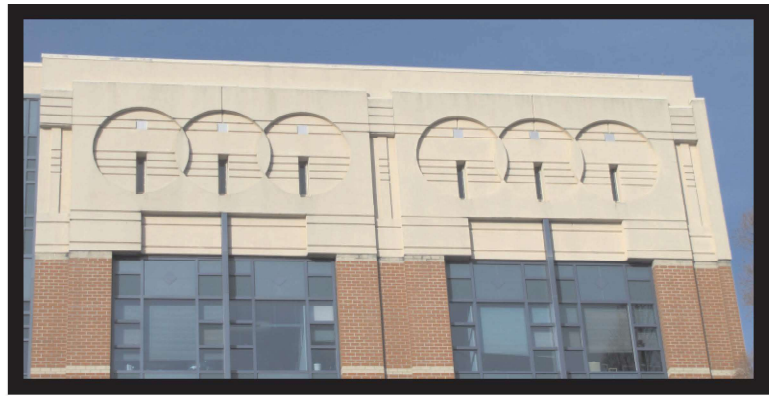
Features

- + EPS is the insulation choice, when energy efficiency is an important design consideration.
- + EPS Insulation offers the **Best Insulating Value Per Dollar**, than any other insulation product used in EIFS. EPS contains no CFC, HCFC or HFC blowing agents. The insulating R-Value of EPS stays consistent for the life of EIFS wall. (3.85 / in at 75°F)
- + EPS breathes, moisture as water vapor can pass through EPS insulation.
- + EPS can be engineered with grooves cut into the back of the insulation board for a drainage plane of the EIFS, when water management is an important design consideration.
- + EPS Insulation, as part of an exterior wall in an EIFS, withstands constant outdoor temperature changes. EPS's flexibility and resiliency helps absorb building movement without cracking the outer finish laminate.
- + EPS is compatible and approved for the majority of the EIFS currently on the market.
- + EPS has been used in EIFS for over 35 years. EPS's etched texture allows the exterior finish to adhere tenaciously to EPS. Maximum surface bonding is critical to the integrity and longevity of an EIFS. EPS has stood up to all industry tests, no other insulation product can say that.
- + Random control testing by an independent laboratory, assures consistent quality in ALL of our EPS Board Stock and Architectural Shapes.



FMI-EPS can help make your next project run efficiently.

- + If your next project calls for grooved EPS Insulation, for a drainage plane for the EIFS. No problem, we can provide grooved EPS Insulation Board Stock.
- + If your next project calls for pre-sanded EPS Insulation, for a smoother exterior finish appearance. No problem, we can provide pre-sanded EPS Insulation Board.
- + If the specification calls for, "a third party certification" for the EPS used on your EIFS project. No problem, our in house Random QC testing is monitored by an independent laboratory.
- + If your next project is located in a busy and difficult location. No problem, our trucks will deliver on your schedule, not ours.
- + If you have a former client who wants to match or duplicate an EIFS Shape on a job your company did years ago. No problem, our shop drawings are saved & stored electronically. We can produce the exact Special Shape for your customer, months or even years after the original shape was installed.
- + If you think that a Special Shape is too small or complex to produce. No problem, our philosophy is: **"No Special Shape is too small or complex to produce."** As creative innovators, we enjoy the challenge of producing new and unique Special Shapes for our clients.



EPS Insulation

EPS (Expanded Polystyrene) Insulation is a moisture resistant closed cell foam which contains no ozone depleting CFC's, HCFC's or HFC blowing agents and is 100% recyclable.

EPS offers outstanding flexibility in design and is ideal for most construction needs, offering the best insulating value per dollar spent of any material available today. Additionally, its long-term insulation value is assured since aging has absolutely no effect upon performance.

EPS Insulation meets or exceeds physical and thermal property standards as established in ASTM C 578

Technical Data

Physical Properties	Units	ASTM Test	Type I
Compressive Resistance at 10% Strain Deformation (2" cube)	Min psi (kPa)	D 1621, C 165	10.0 (69)
Flexural Strength	Min psi (kPa)	C 203	25.0 (173)
Thermal Resistance (R-Value)* 75 ± 2° F (24 ± 1° C) 40 ± 2° F (4.4 ± 1° C)	Min R* for 1" thickness	C 177, C518	3.85 (0.67) 4.17 (0.0)
Thermal Conductivity (K-Value)* 75 ± 2° F (24 ± 1° C) 40 ± 2° F (4.4 ± 1° C)	BTU/(hr)(Sg.Ft.)(F/in.)	C 177, C518	0.260 (1.48) 0.240 (1.37)
Coefficient of Thermal Expansion	In./(In.)(F)	D 696	0.000035
Moisture Resistance Water Absorption by total immersion	% by volume Max	C 272	< 4.0
Water Vapor Permeability of 1" (25.4 mm) thickness max perm	Max perm/in (ng/PA*s*m²)	E 96	5.0 (287)
Oxygen Index	Min Volume %	D 2863	24.0
Dimensional Stability (Change in dimensions)	Max %	D 2126	2.0
Max. Service Temperature Long Term / Intermittent	F		167 / 180
Flame Spread Smoke Developed		E84-81A E84-81A	15 @ 6" 95-125
Density, minimum Density, nominal	Min lb/ft³ (kg/m³) lb/ft³	C 303	0.90 (15) 1.00

*R means resistance to heat flow. The higher the R-value, the greater the insulating power. Federal Trade Commission requires; using the R-Value publication at 75°F temperature when calculating R-Values of all insulations.

The information in this bulletin is presented in good faith, and is believed to be accurate. All statements are made without warranty expressed or implied.

FMI-EPS recommends that you consult with the EIFS Distributor & EIFS Mfg. on ALL installation applications using EPS Insulation and EPS Special Shapes.



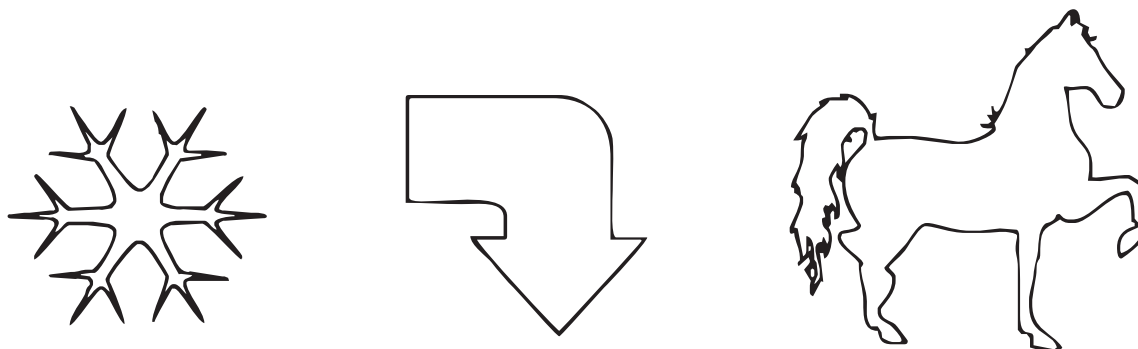
LETTERS AND NUMBERS



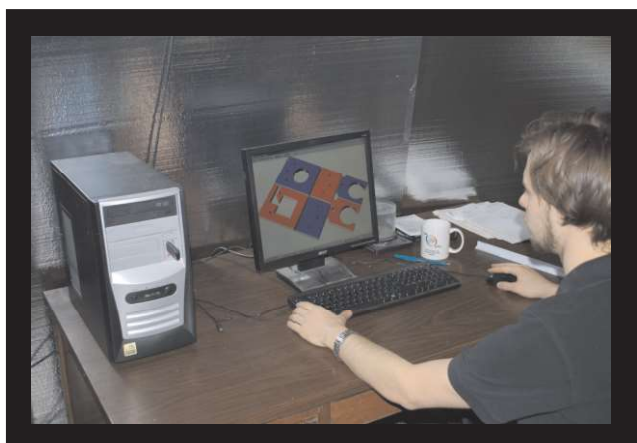
ORDER INDIVIDUAL LETTERS OR A SHEET WITH THE LETTER OUTLINES CUT OUT. LETTERS CAN BE 3" TO 48" TALL IN ANY THICKNESS. WE CAN MATCH ANY PUBLISHED OR CUSTOM FONT AS REQUIRED.

(NOTE: BOLD FONTS ARE BETTER FOR CUTTING, ESPECIALLY FOR SMALLER SIZED LETTERS.)

WE ALSO CUT SILHOUETTE SHAPES FROM MANY OF THE COREL DRAW CLIPART FILES.

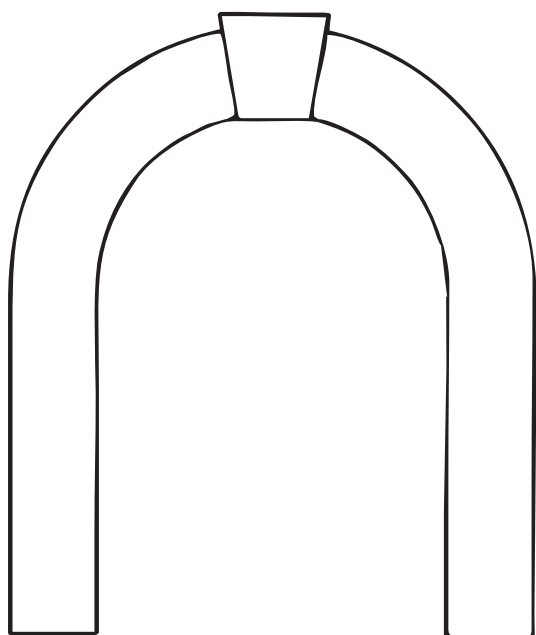


Radius Archers or Cornices, Columns with or without bases, Balusters, Pediments, Murals and Replicas of Company logos are but a few of the endless, two or three dimensional Special Shapes that we can produce for your next project.

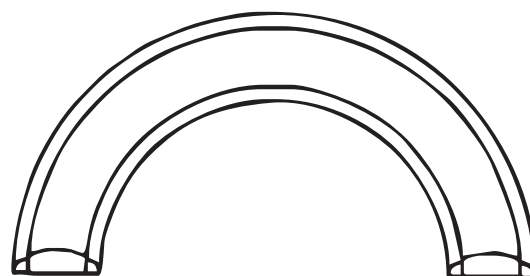


FMI-EPS's production staff has over 50 years of combined experience in the industry. That experience, plus our state of the art fabricating technology, allow us to produce Architectural Shapes economically and quickly.

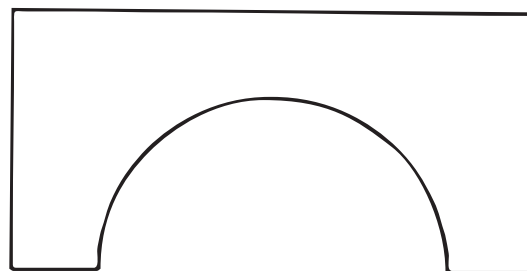
OTHERS



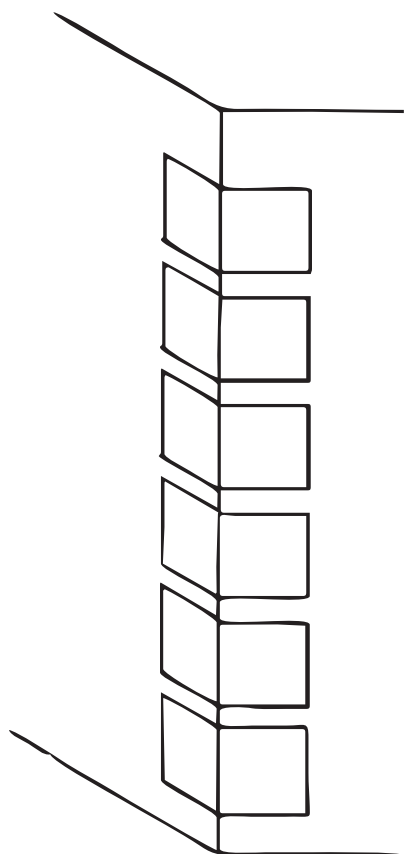
PLAIN ARCH
WITH OR WITHOUT
KEYSTONE



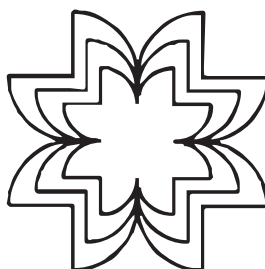
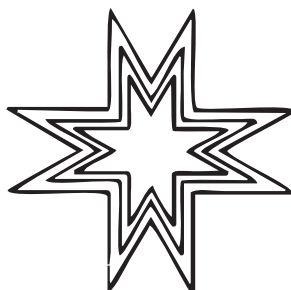
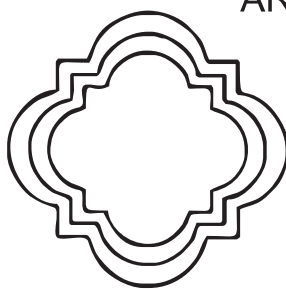
DETAILED ARCH TO MATCH
A BAND STYLE



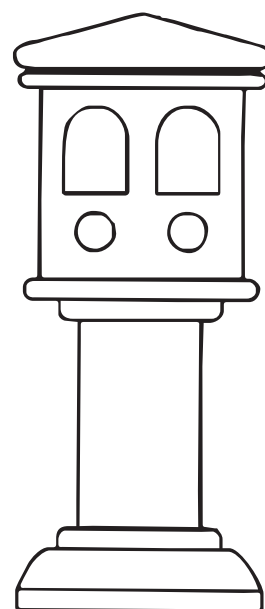
ARCH SHAPED CUT-OUT



QUIONS

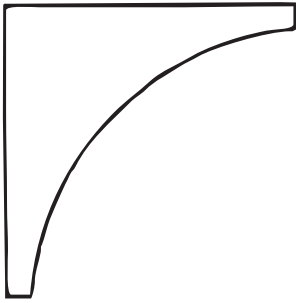


MEDALLIONS

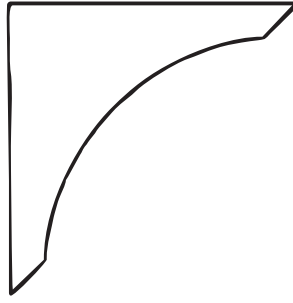


MAILBOXES

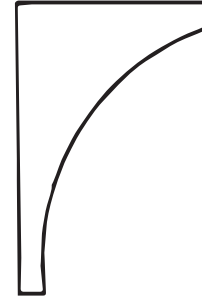
ARCHITECTURAL SHAPES



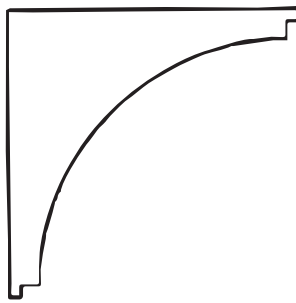
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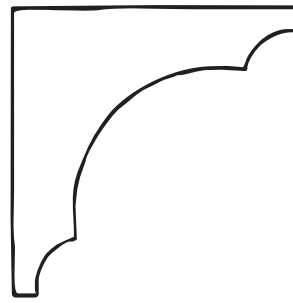
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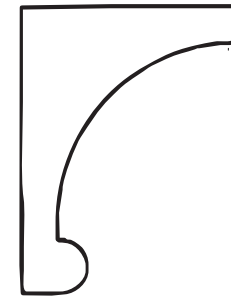
FMI 3



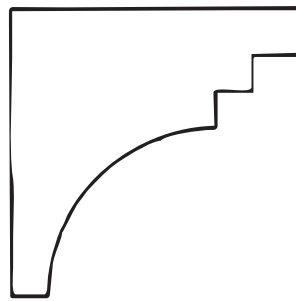
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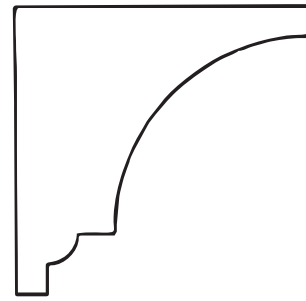
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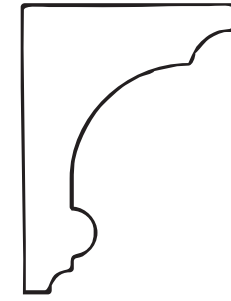
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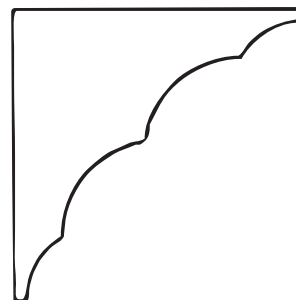
FMI 7



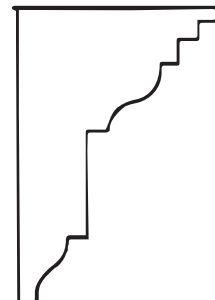
FMI 8



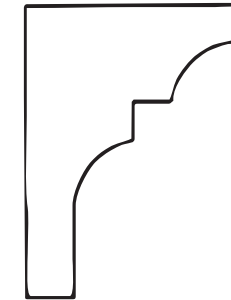
FMI 9



FMI 10

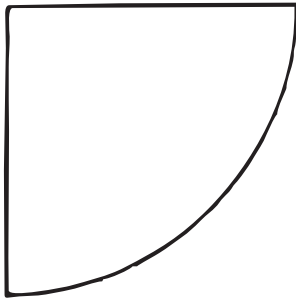


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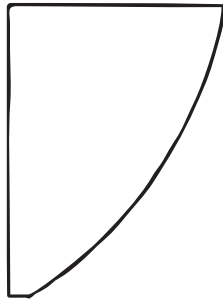


FMI 12

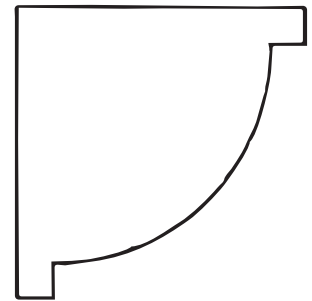
CORNICES



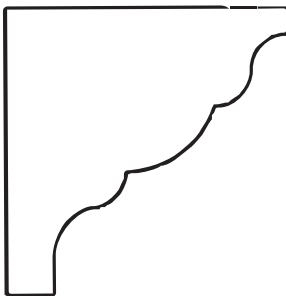
FMI 13



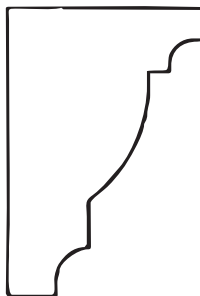
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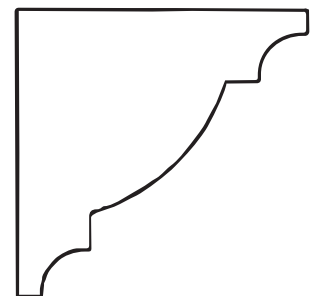
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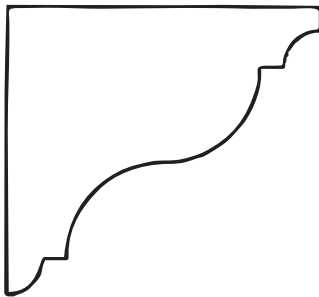
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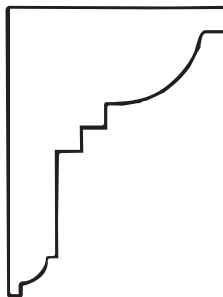
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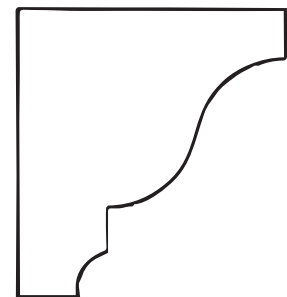
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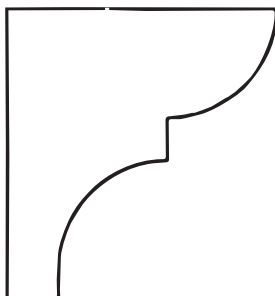
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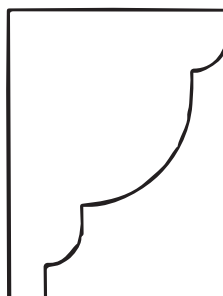
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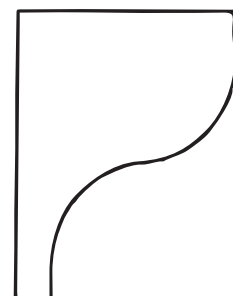
FMI 21



FMI 22

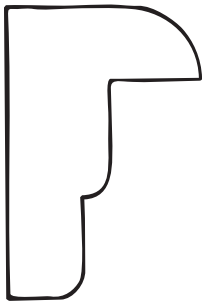


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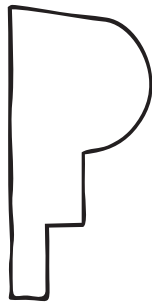


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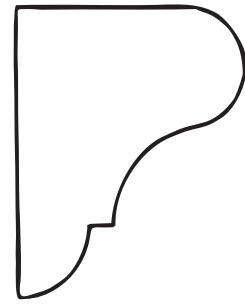
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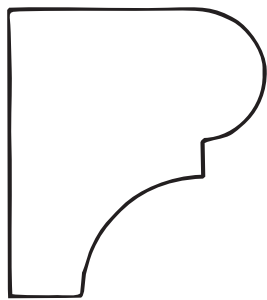
FMI 25



FMI 26



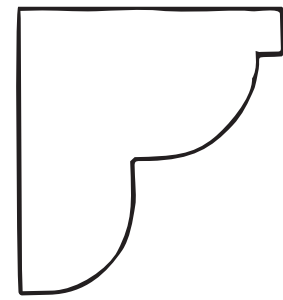
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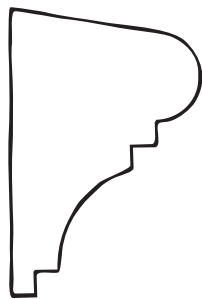
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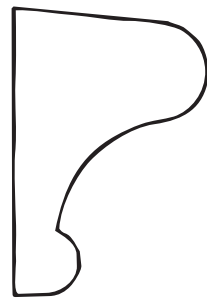
FMI 29



FMI 30



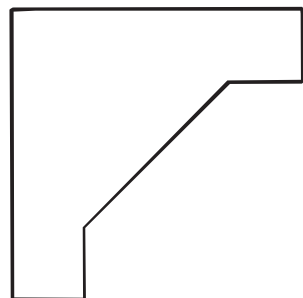
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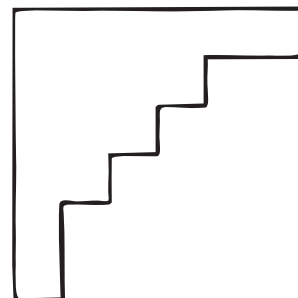
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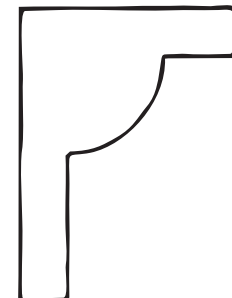
FMI 33



FMI 34

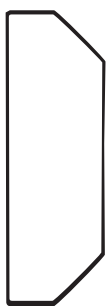


FMI 35



FMI 36

BANDS



FMI 37



FMI 38



FMI 39



FMI 40



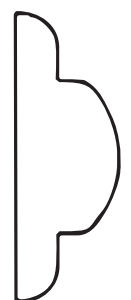
FMI 41



FMI 42



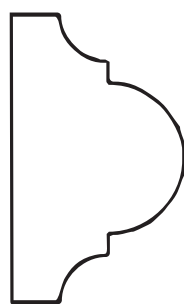
FMI 43



FMI 44



FMI 45



FMI 46



FMI 47



FMI 48



FMI 49



FMI 50

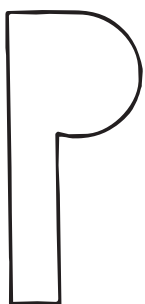


FMI 51



FMI 52

BANDS



FMI 53



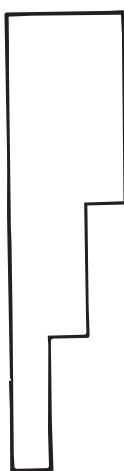
FMI 54



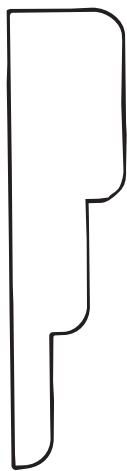
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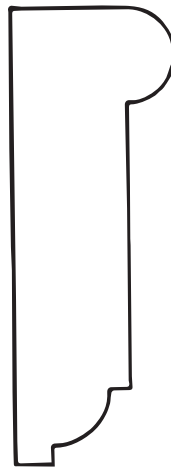
FMI 56



FMI 57



FMI 58



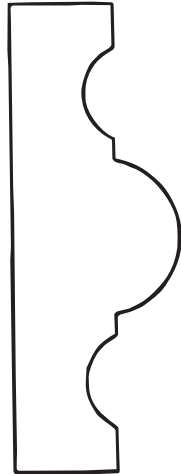
FMI 59



FMI 60



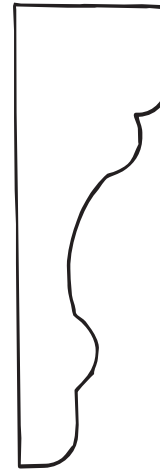
FMI 61



FMI 62

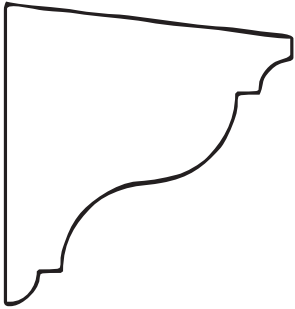


FMI 63

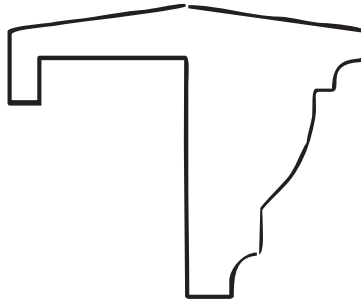


FMI 64

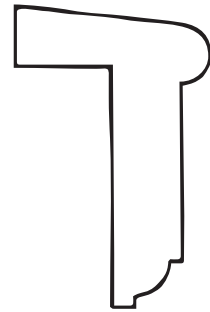
CUSTOMIZING



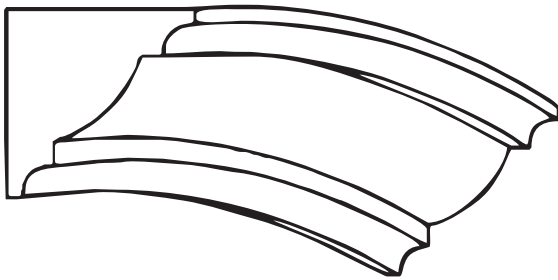
ORDER: SLOPED FOR
USE AS A SILL



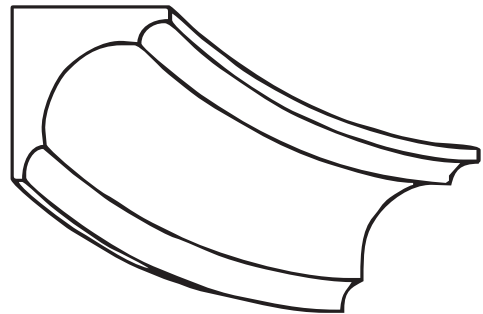
ORDER: MADE AS
A PARAPET CAP



PARAPET CAP

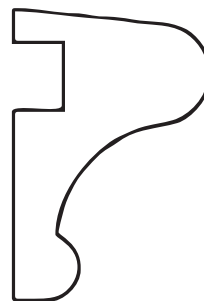
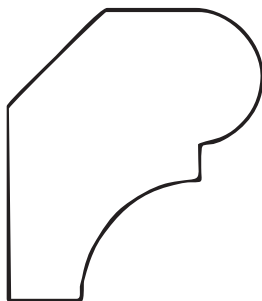


FMI 18 CUT
CONVEX



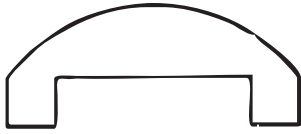
FMI 5 CUT
CONCAVE

SHAPES CAN BE CUT TO CONCAVE OR CONVEX
RADIUS CURVES. THE RADIUS CAN BE SMALL OR
LARGE, BUT IT MUST BE A TRUE RADIUS.

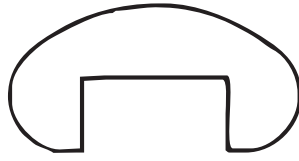


THE BACK OF THE SHAPES CAN BE CUT TO FIT AROUND
EXISTING OBSTRUCTIONS (ELECTRICAL/PLUMBING, ETC.)

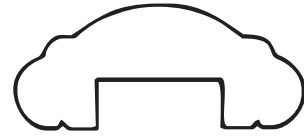
WALL CAPS



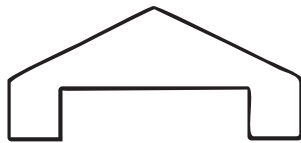
FMI 90



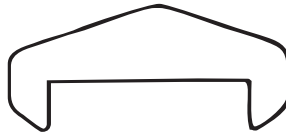
FMI 91



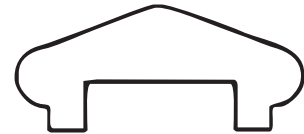
FMI 92



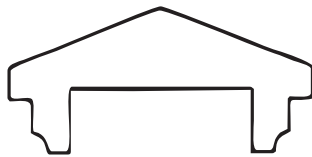
FMI 93



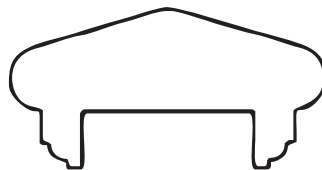
FMI 94



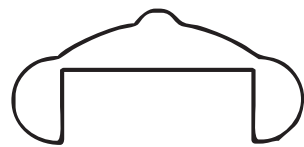
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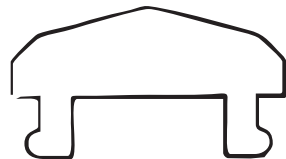
FMI 96



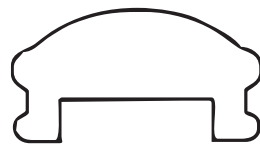
FMI 97



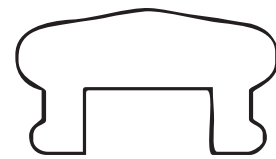
FMI 98



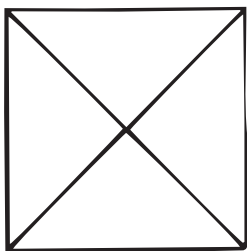
FMI 99



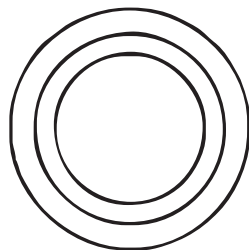
FMI 100



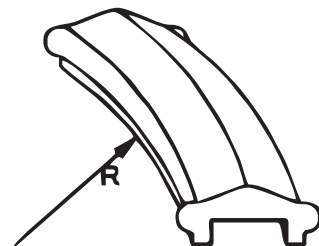
FMI 101



FMI 102



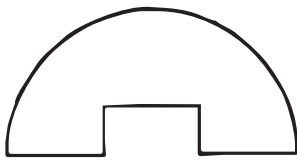
FMI 103



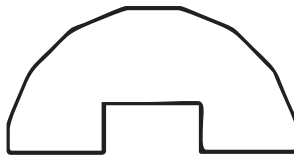
CAN BE PLAIN OR DETAILED TO MATCH ONE OF THE WALL CAPS FROM ABOVE.

MUST BE CUT TO A TRUE RADIUS, NOT A FREE-FORM SHAPE.

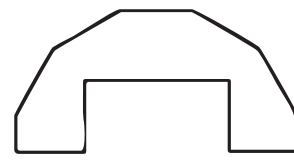
Columns



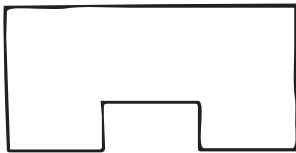
FMI 65



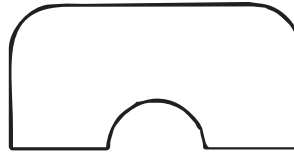
FMI 66



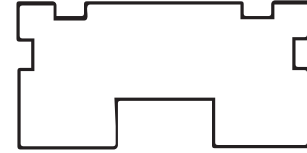
FMI 67



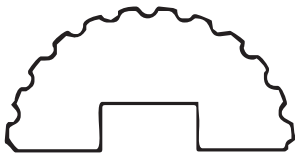
FMI 68



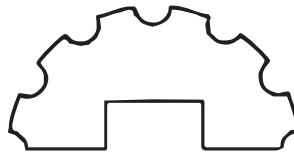
FMI 69



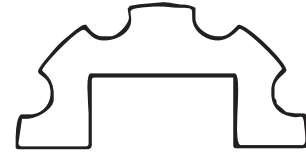
FMI 70



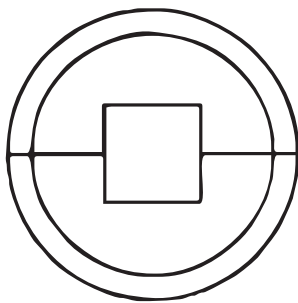
FMI 71



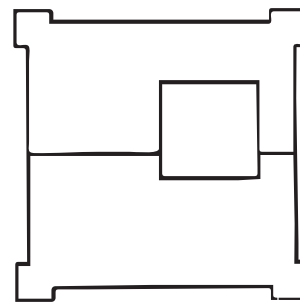
FMI 72



FMI 73



FMI 74



FMI 75

TAPERED ROUND
(SMOOTH SIDES ONLY
NO FLUTES.)

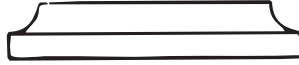
SHOWN WITH OFF-CENTER
CUTOUT

COLUMNS CAN BE CUT WITH ANY SIZE CUTOUT. PLEASE SPECIFY WHEN ORDERING.

Column Bases and Rings



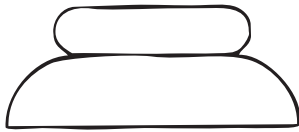
FMI 76



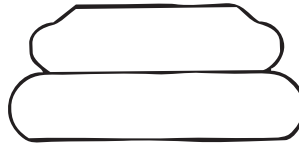
FMI 77



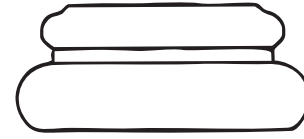
FMI 78



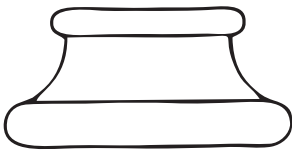
FMI 79



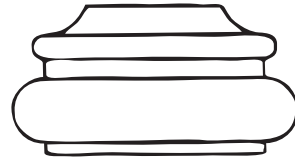
FMI 80



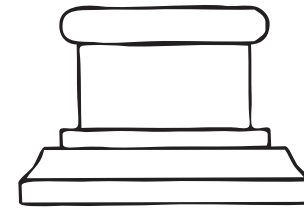
FMI 81



FMI 82



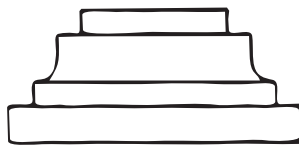
FMI 83



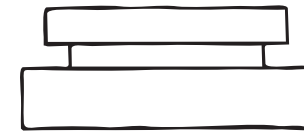
FMI 84



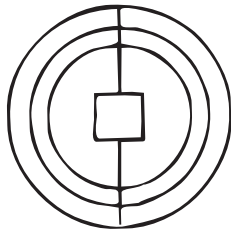
FMI 85



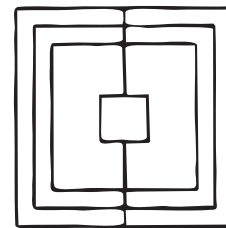
FMI 86



FMI 87



CUT
ROUND – OR – SQUARE



FMI 88

PLAIN RING



ROUNDED RING



FMI 89