

#### **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

#### **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

#### **PROPERTIES & OPTIONS**

WEIGHT (EA)	5.8 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

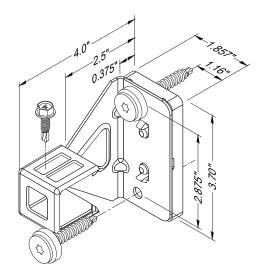
Properties are for ZM40 steel products only, contact KWS for stainless steel.

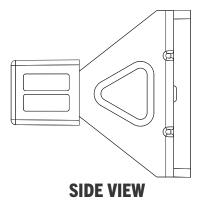
NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice.

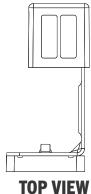


<sup>\*</sup>Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.









#### **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

#### **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

#### **PROPERTIES & OPTIONS**

WEIGHT (EA)	7.6 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

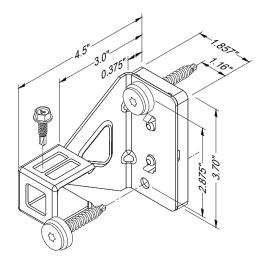
Properties are for ZM40 steel products only, contact KWS for stainless steel.

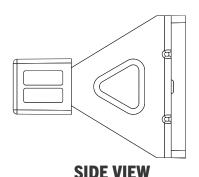
NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice

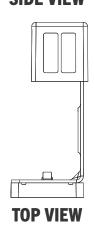


<sup>\*</sup>Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.









## **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

#### **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

## **PROPERTIES & OPTIONS**

WEIGHT (EA)	6.6 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

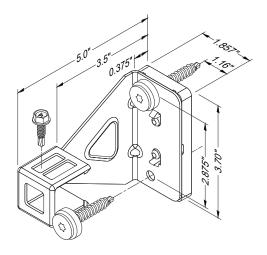
Properties are for ZM40 steel products only, contact KWS for stainless steel.

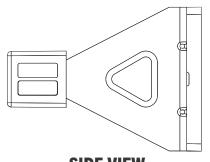
\*Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.

NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice

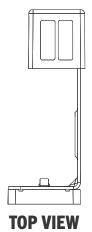












#### **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

#### **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

## **PROPERTIES & OPTIONS**

WEIGHT (EA)	7.0 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

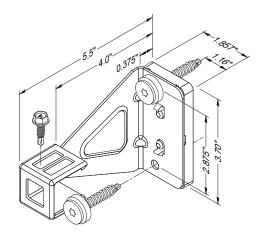
Properties are for ZM40 steel products only, contact KWS for stainless steel.

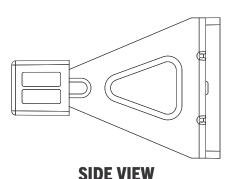
\*Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.

NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice











TOP VIFW

#### **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

## **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

### **PROPERTIES & OPTIONS**

WEIGHT (EA)	7.2 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

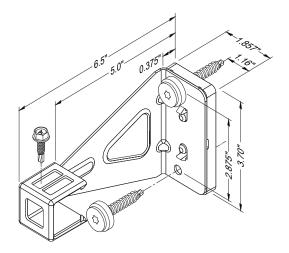
Properties are for ZM40 steel products only, contact KWS for stainless steel.

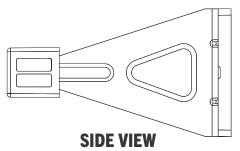
\*Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.

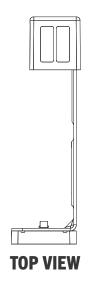
NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice











#### **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.

## **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.

## **PROPERTIES & OPTIONS**

WEIGHT (EA)	7.9 ounces
MATERIAL TYPE	ASTM A1046 ZM40 Steel or 304 Stainless Steel*
DESIGN STEEL THICKNESS	0.078 inches
MIN. STEEL THICKNESS	0.074 inches
YIELD STRESS, Fy	50 ksi
AVAILABLE FINISHES	Standard Mill
THERMAL ISOLATION MATERIAL	Polypropylene
DECLARE LABEL	Red List Free

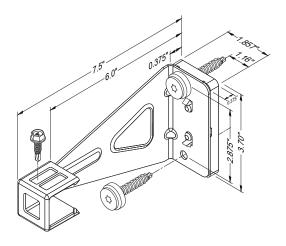
Properties are for ZM40 steel products only, contact KWS for stainless steel.

\*Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal. Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent). See system specific guide details for further information on design, detailing and installation.

NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice

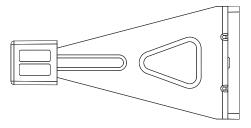






## **APPLICATION**

The THERMABRACKET® is a cladding support bracket which creates a rainscreen cavity and is most commonly used with exterior insulated wall assemblies. The product is intended for use on wall surfaces and horizontal soffit conditions to provide thermally improved support of the cladding. Back-up wall the THERMABRACKET may be secured to include steel studs (18-gauge min.), wood studs, concrete or concrete masonry units (CMU). Back-up walls must be designed to support the loads imposed by the rainscreen system. The maximum supported weight and wind pressures (loads) will vary depending upon the spacing of the THERMABRACKET and the type of construction to which they attach.



#### **D-SERIES**

The D-Series (Dynamic Series) has the ability to help plumb the cladding by use of an adjustable rail-to-bracket connection. The D-Rail to THERMABRACKET connection has a depth adjustability of 13/16 inches for aligning and truing the back-up wall construction. When the D-Rail is fully nested on the bracket, a 1.5 inch air cavity is created behind the cladding to the face of the insulation. When the D-Rail is fully adjusted outward to align and straighten the back-up wall construction, an air cavity of ~2.25 inches is created.



# **PROPERTIES & OPTIONS**





Properties are for ZM40 steel products only, contact KWS for stainless steel.

\*Asterisk identifies non-standard items - availability & additional cost vary. All dimensions & weights are nominal.

Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent).

See system specific guide details for further information on design, detailing and installation.

NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY KNIGHT WALL SYSTEMS®. ALL IMPLIED WARRANTIES INCLUDING THOSE
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from any patent owned by KNIGHT WALL SYSTEMS® or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. They are not guaranteed in any way by the Knight Wall Systems, Inc. since building design, engineering, and construction, including workmanship and materials are beyond the control of the manufacturer. The information provided here is subject to change without notice.

