

# SOPRAJOINT PLUS

## MEASUREMENT GUIDE



# SOPRAJOINT PLUS

## THE WATERPROOF EXPANSION JOINT SYSTEM

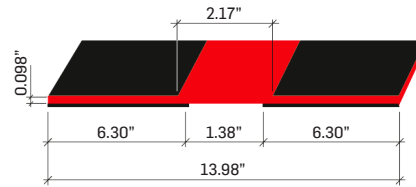


### 1. SPECIFY AN EXPANSION JOINT



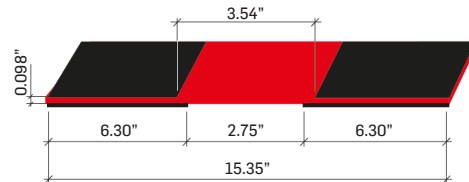
#### SOPRAJOINT PLUS 20

± 0.78" expandable in longitudinal, transverse and vertical directions  
± 1.38" expandable diagonally



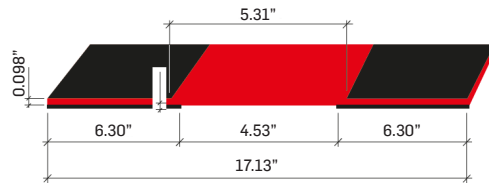
#### SOPRAJOINT PLUS 40

± 1.57" expandable in longitudinal, transverse and vertical directions  
± 2.75" expandable diagonally



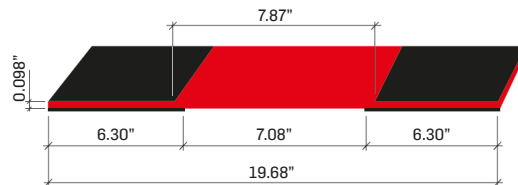
#### SOPRAJOINT PLUS 75

± 2.95" expandable in longitudinal, transverse and vertical directions  
± 5.11" expandable diagonally



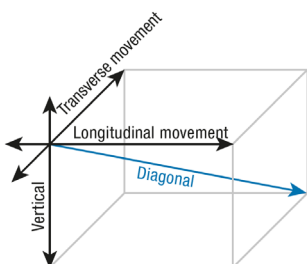
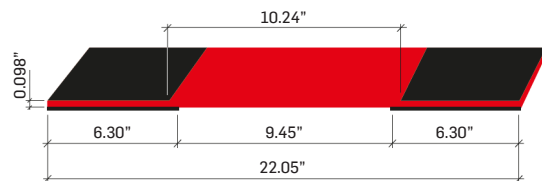
#### SOPRAJOINT PLUS 100

± 3.93" expandable in longitudinal, transverse and vertical directions  
± 6.88" expandable diagonally



#### SOPRAJOINT PLUS 125

± 4.92" expandable in longitudinal, transverse and vertical directions  
± 8.46" expandable diagonally



## EXPANSION IN ALL THREE DIRECTIONS SIMULTANEOUSLY

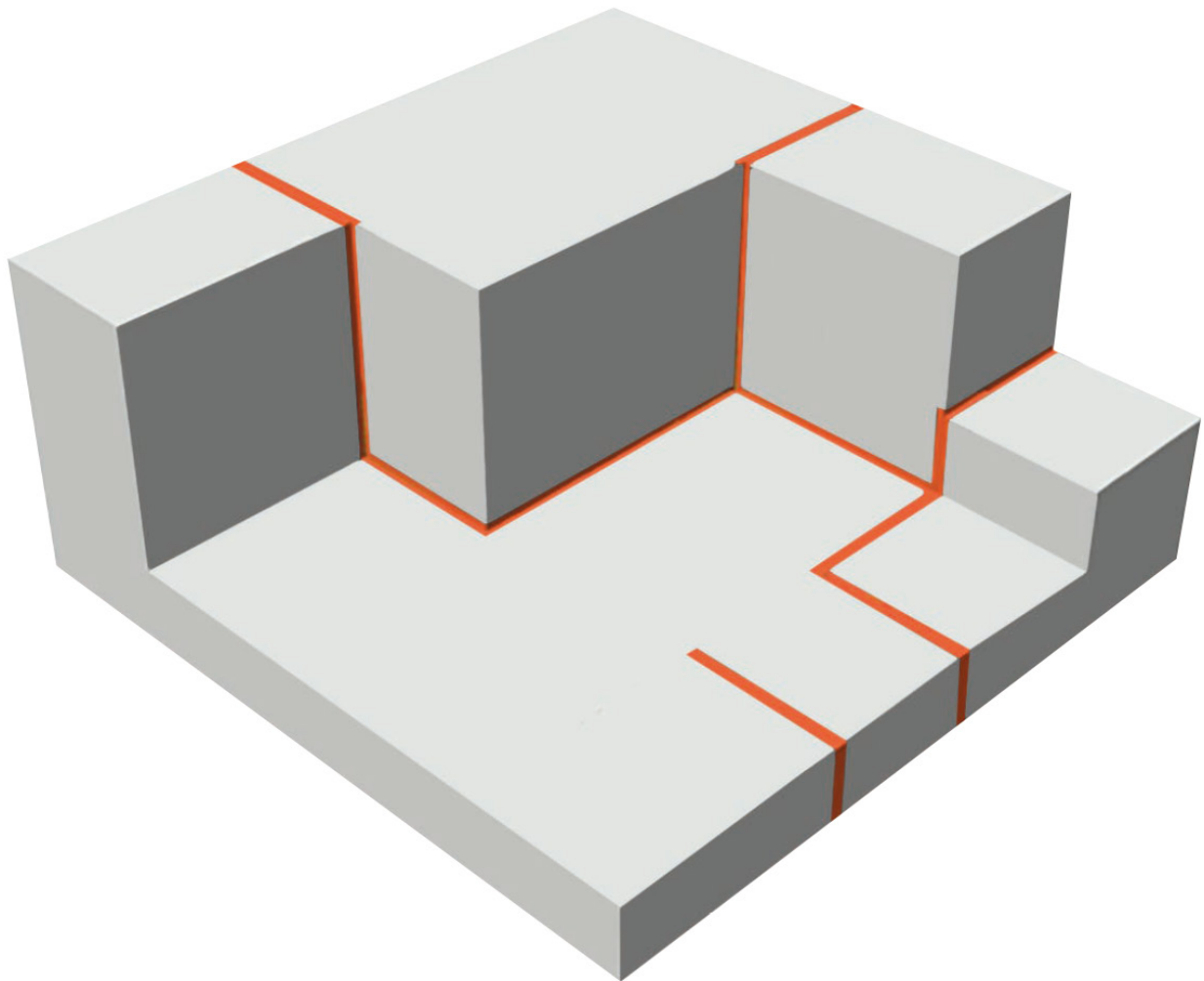
# SOPRAJOINT PLUS

THE WATERPROOF EXPANSION JOINT SYSTEM



## 2. SPECIFY JOINT COURSE

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# SOPRAJOINT PLUS

THE WATERPROOF EXPANSION JOINT SYSTEM



## 3. SPECIFY FORMPIECE AT EACH CHANGE OF DIRECTION



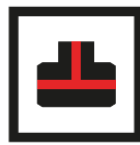
OUTSIDE CORNER



INSIDE CORNER



MITRE



T-JUNCTION



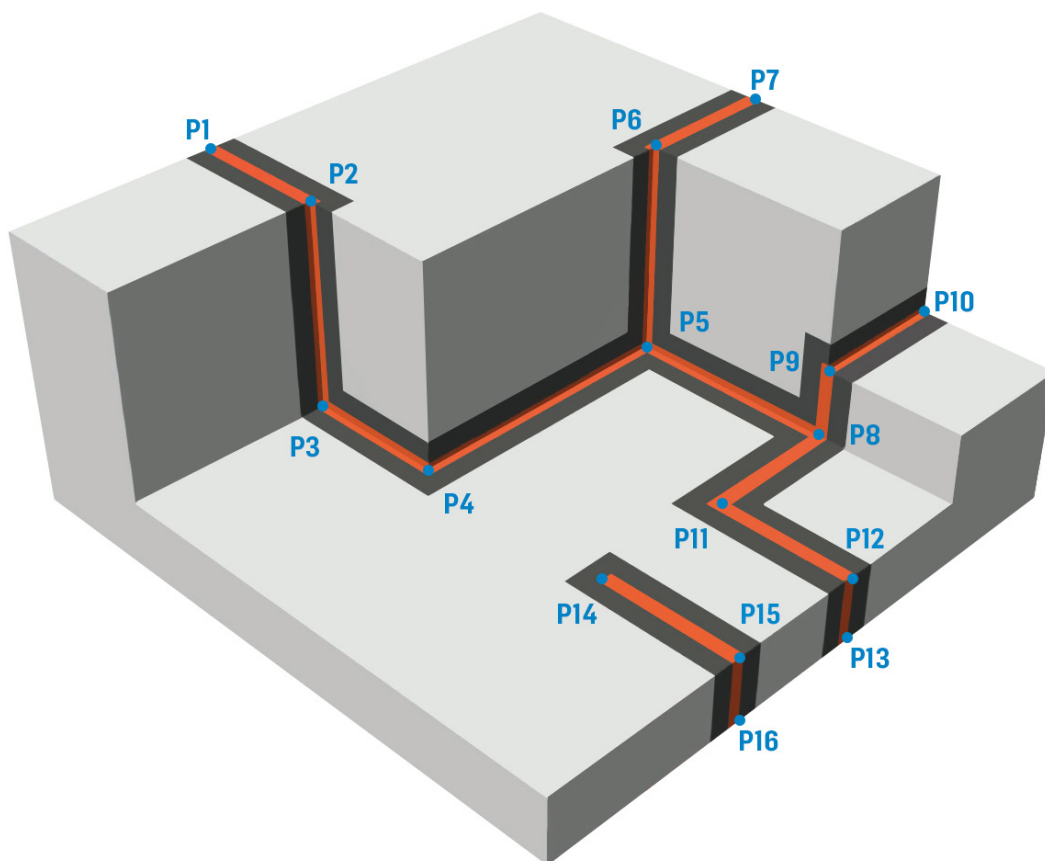
CROSS JUNCTION



3-DIRECTION CORNER



END PIECE



### EXAMPLE FORMPIECE SPECIFICATION

POINT	FORMPIECE	POINT	FORMPIECE	POINT	FORMPIECE	POINT	FORMPIECE
P1	—	P5	3-direction corner	P9	Outside corner	P13	—
P2	Outside corner	P6	Outside corner	P10	—	P14	End piece
P3	Inside corner	P7	—	P11	Mitre	P15	Linear
P4	Outside corner	P8	Outside corner	P12	Linear	P16	—

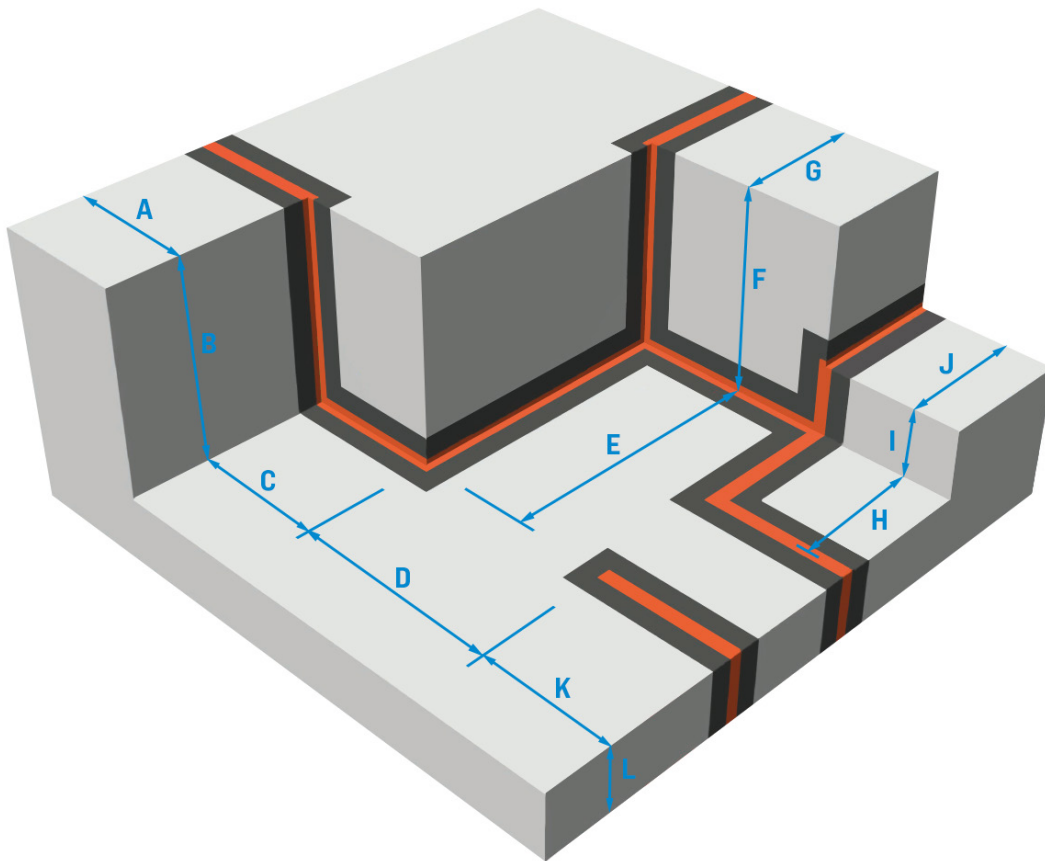


# SOPRAJOINT PLUS

THE WATERPROOF EXPANSION JOINT SYSTEM



## 4. MEASURE DISTANCE BETWEEN FORMPIECES



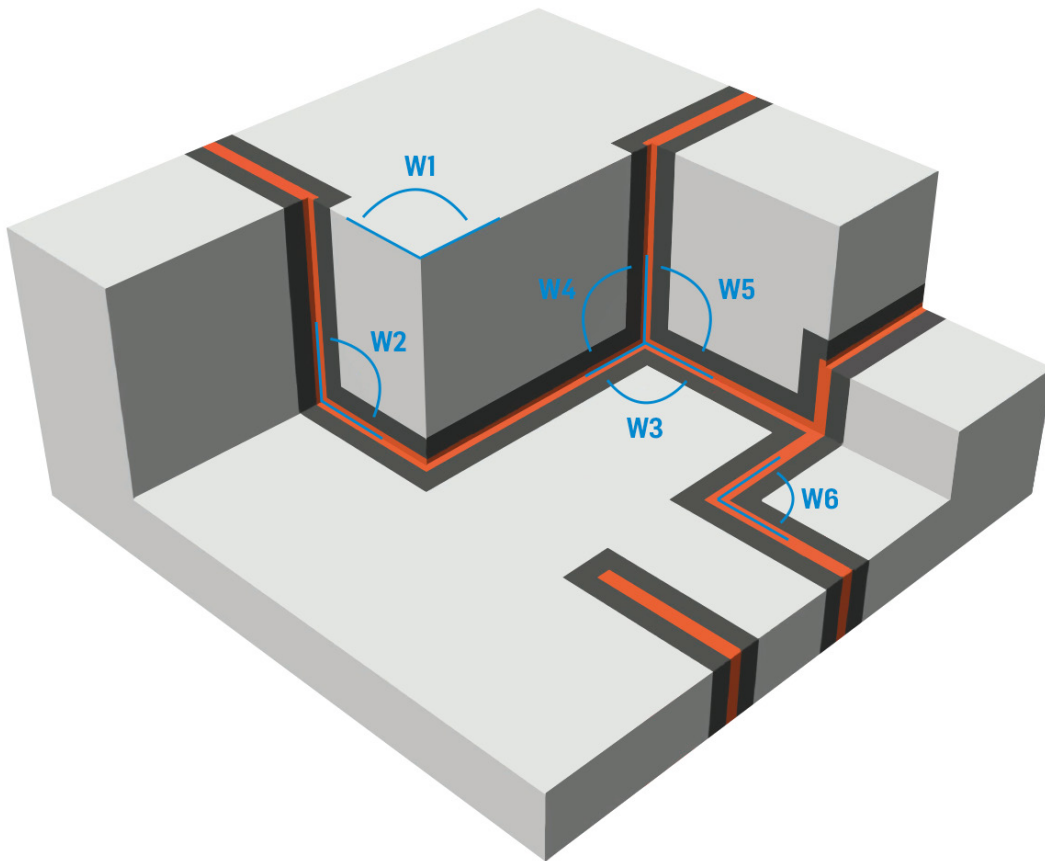
EXAMPLE MEASUREMENTS			
SPAN	DISTANCE	SPAN	DISTANCE
A	118.89"	G	110.23"
B	161.53"	H	118.11"
C	114.17"	I	84.64"
D	171.45"	J	110.23"
E	236.22"	K	185.59"
F	161.81"	L	61.02"

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## 5. MEASURE ALL ANGLES



EXAMPLE MEASUREMENTS	
ANGLE	DEGREES
W1	94
W2	90
W3	90
W4	90
W5	90
W6	85

# SOPRAJOINT PLUS

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### 6. FINAL STEPS

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#### **PHOTOS**

Take photos to ensure that the information provided is both easy to comprehend and accurate. Seeing all information and directions as they appear in reality aids in troubleshooting as well.



#### **HAND DRAWINGS**

These assist with identification of the details and measurements taken, while also making it easier to comprehensively understand the full scope of the project.

SOPRAJOINT Plus is a monolithic expansion joint made of EPDM-bases synthetic rubber consisting of two anges on the surface and underface with a woven oxidized and stabilized polycrylonitrile, with an expandable core.

In addition to being a premium and unique product, SOPRAJOINT Plus expansion joints can be adapted to all possible configurations found on site, from the simplest to the most complex. Measurements can be taken from plans (for estimates), custom measured on-site for final fabrication. It's important to have finished the required work before taking the final site measurements. The expansion joints are then manufactured as per the precise on-site measurements provided/approved by the installing contractor. Products are prefabricated and custom made to meet the client's needs.

## INNOVATION SINCE 1908

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SOPREMA has developed around the idea that the quality, durability and reliability of materials must match builders' ambitions and expectations. For more than 100 years, SOPREMA has been using its expertise to develop a variety of high-end products that meet or exceed all the requirements of the construction field.

### ROOFING WATERPROOFING WALLS CIVIL ENGINEERING



ROOFING &  
WATERPROOFING



INSULATION



VEGETATED  
SOLUTIONS



SOUNDPROOFING



RELATED  
PRODUCTS

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SOPREMA is an international manufacturer specializing in the production of waterproofing and insulation products, as well as vegetative and soundproofing solutions, for the building and civil engineering sectors.

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