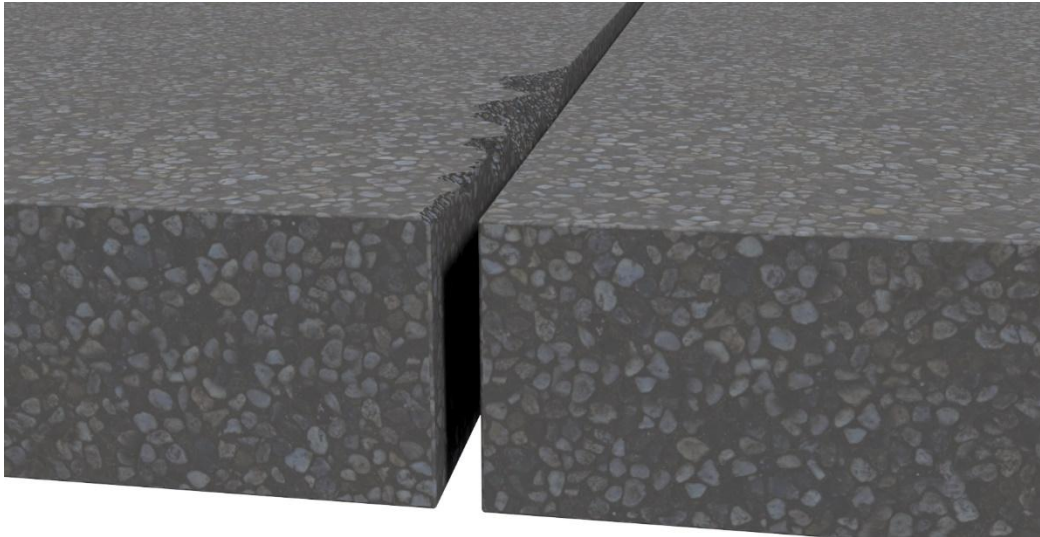


TuffCrete MM & SP

Longitudinal, Transverse, and Deck Expansion Joint Repair

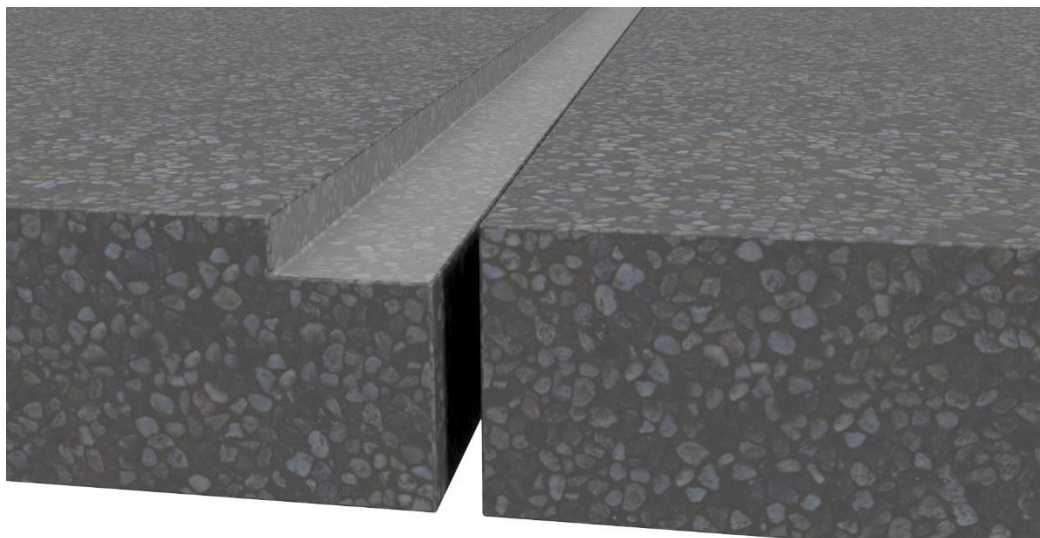
Damaged Joint



Layout and mark joint blockout: 4" minimum to damaged side(s) of the joint or 6" if joint opening or movement is greater than 1".

*Contact PSI if joint width or movement is greater than 2"

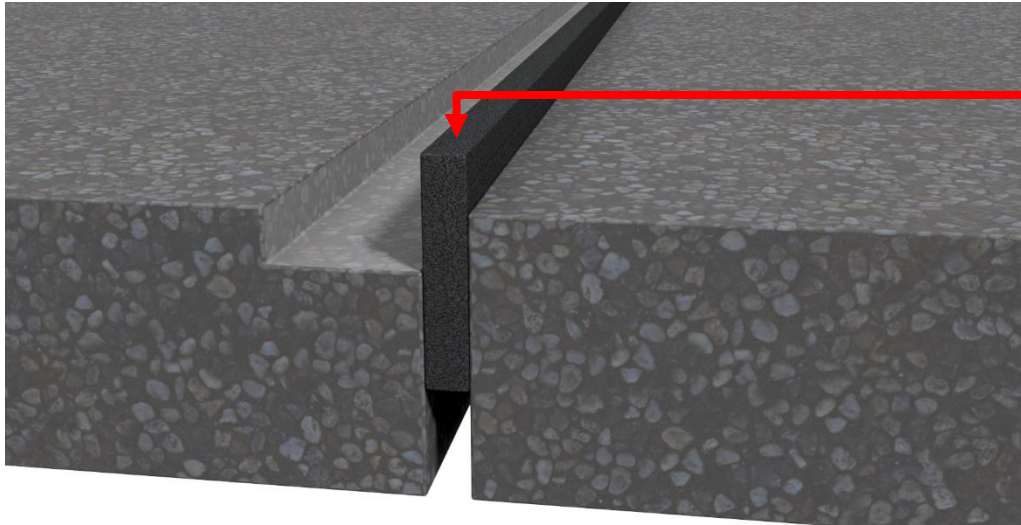
STEP 1



Saw cut topping or concrete deck to prescribed width and depth. Remove concrete from blockout area by mechanical means to create a clean sound surface.

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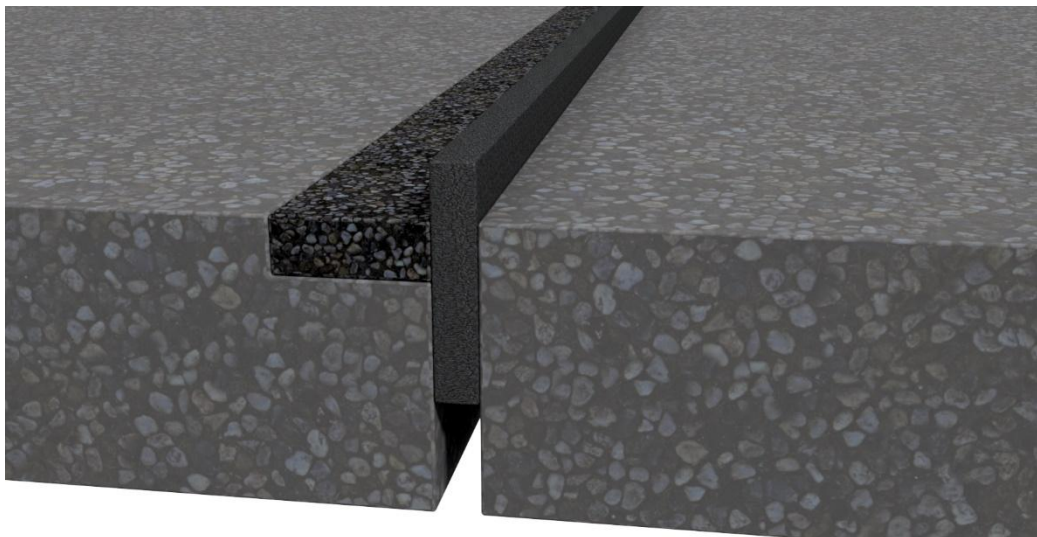
STEP 2



**Non Stick
Foam or
poly
wrapped
blockout.**

Thoroughly clean out existing expansion joint and install a non stick blockout material.

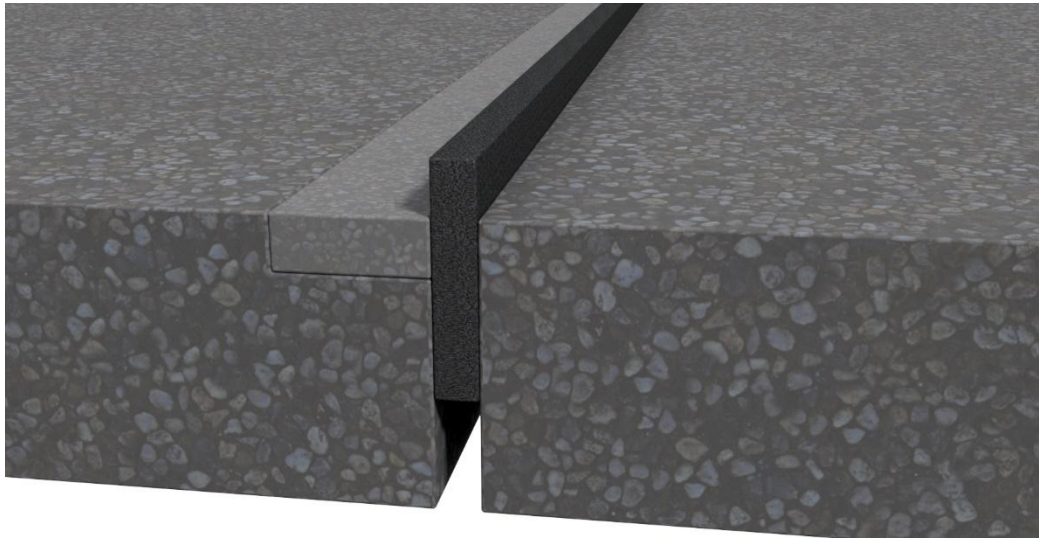
STEP 3



Fill void with PSI TuffCrete MM Treated Aggregate or place TuffCrete SP Mortar into cavity.

TuffCrete MM & SP

STEP 4

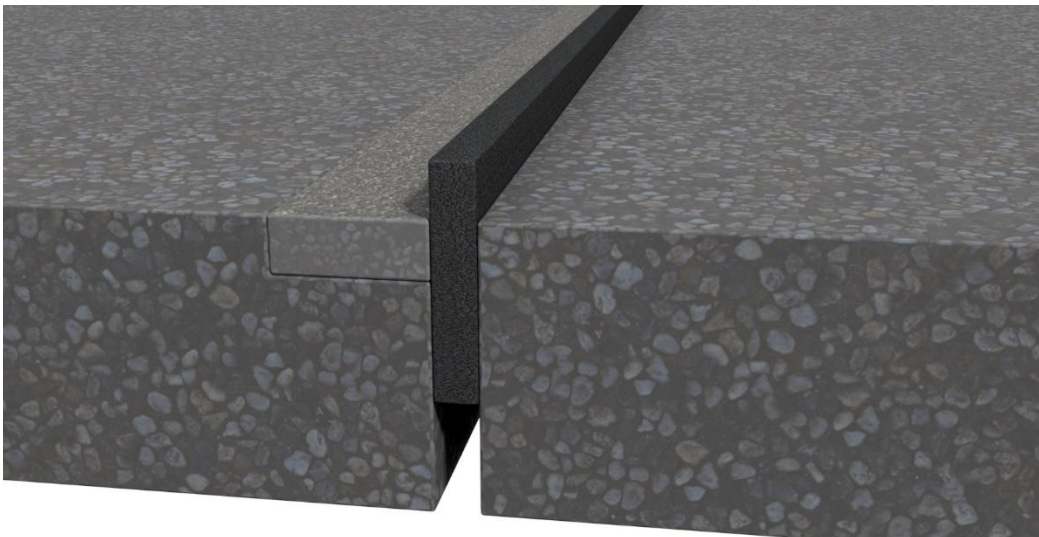


Pump TuffCrete MM into cavity using the InstaMix Applicator Machine

***If using with an asphalt overlay, seal the edge face with TuffCrete MM prior to placing the aggregates.**

**** For easy installation ideas, please contact PSI for additional instructions.**

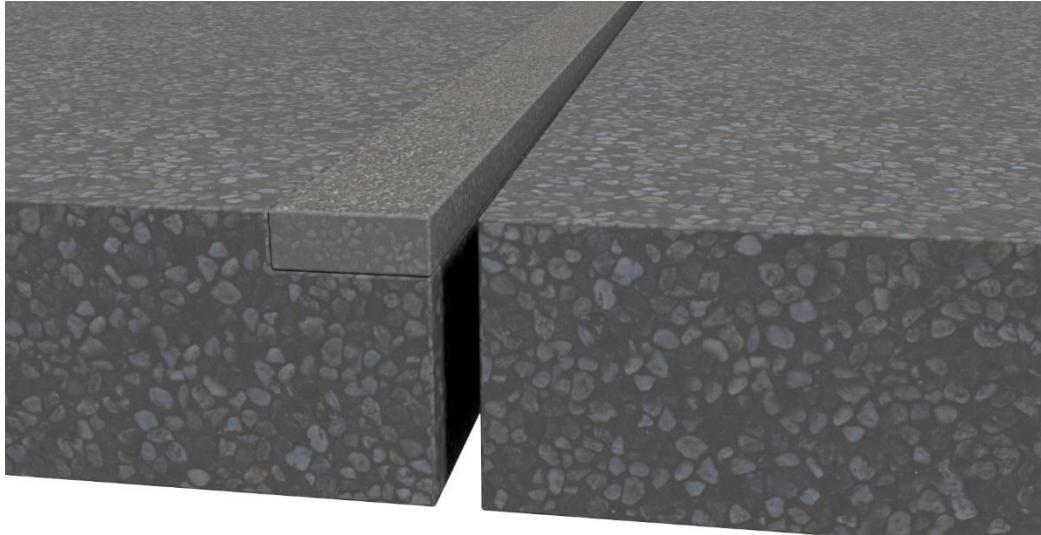
STEP 5



Finish surface area as outlined in TuffCrete Instructions. Broadcast PSI Treated Topping Sands onto wet surface.

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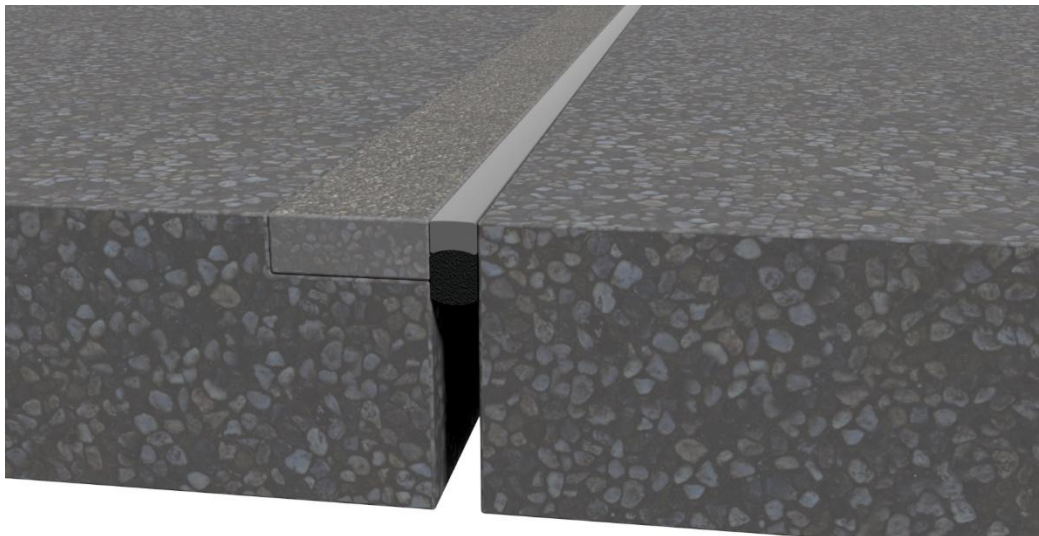
STEP 6



After approximately 30 minutes, remove block out and install PSI CR Backer Rod or approved material.

*Joint sealants can be applied immediately.

STEP 7



Fill joint with TuffSeal SL or other approved joint filler. Using PSI Systems, traffic can normally be restored within an hour.

Extensive installation instructions for ease of use are available and recommended!