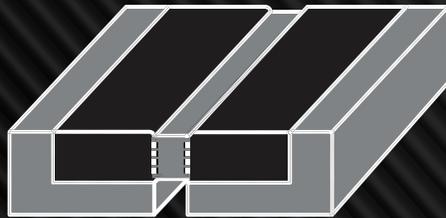


# Polysset

*Expansion Joints for*  
**PERFORMANCE**

## PLY-KRETE® JOINT SYSTEMS



[www.polysset.com](http://www.polysset.com)



# POLYSET'S PLY-KRETE® JOINT SYSTEMS CONSIST OF:

- ▶ PRIMER
- ▶ ELASTOMERIC CONCRETE
- ▶ HEADER / NOSING MATERIAL
- ▶ BONDING AGENT
- ▶ PREFORMED JOINT SEAL

Ply-Krete® Joint Systems are the ideal solution for new and rehab construction projects against concrete or asphalt overlays. These waterproof joint systems are designed to preserve and protect concrete decks and allow for continuous traffic while accommodating movement, shrinkage, and temperature variations.



Expansion joint systems are imperative to the life-cycle of bridges and other concrete structures. The consequence of failing joints, due to poor quality or improper installation, will severely compromise structural integrity.

For more than 30 years, Polyset has been a leading manufacturer of expansion joint systems. By partnering with engineering and architecture firms, contractors, and state agencies around the world, our joint systems have been utilized in a wide array of markets to ensure structural integrity, prevent water absorption, and minimize downtime.

- ▶ BRIDGES & ROADWAYS
- ▶ PARKING STRUCTURES
- ▶ AIRPORTS
- ▶ ARCHITECTURAL APPLICATIONS & STADIUMS
- ▶ WATER / WASTEWATER TREATMENT FACILITIES
- ▶ RAILROAD STRUCTURES & PLATFORMS

## PRIMER

### 1 PLY-PRIMER

Ply-Primer is a unique two-component, low-viscosity modified elastomeric priming agent developed for use with the Ply-Krete® brands of elastomeric concrete. Ply-Primer has excellent adhesion to steel, concrete, and asphalt. The lower viscosity allows for a more user-friendly application with better wetting properties.

## ELASTOMERIC CONCRETE

### 2 PLY-KRETE® FS

Ply-Krete® FS is a Fast-Setting, two-component, 100% solids modified polyurethane elastomeric concrete. Designed as an expansion joint header to preserve and protect concrete decks and substructures, it prevents water absorption and offers superb chemical resistance, minimizing chloride intrusion.

Ply-Krete® FS allows traffic to return in as little as two hours.

#### PERFORMANCE BENEFITS

- High abrasion resistance
- Ideal for quick repairs to expansion joints
- Easy mixing and fast-setting
- Resistant to freeze-thaw cycles
- Excellent adhesion to various substrates

Also available: Ply-Krete® UV Gray, Liquid Ply-Krete®, Ply-Krete® Plug

## BONDING AGENT

### 3 PLY-BONDER

Ply-Bonder is a two-component, moisture insensitive, 100% solids modified epoxy adhesive developed for the construction industry for bonding various construction materials to cured concrete in high-stress applications. The material has excellent adhesion to steel, concrete, wood, and other construction materials. Meets ASTM C881, Type I & II, Grade 2, Class B & C.

Also available: Ply-Bonder FP, Ply-Bonder Beige

## PREFORMED JOINT SEAL

### 4 PLY-SEAL®

Ply-Seal® is a closed-cell, polyethylene foam designed to bond to most substrates and offers a convenient and durable waterproof expansion joint seal that can be installed in new, rehab, or stage construction projects. Ply-Seal® can be field-welded to provide a monolithic waterproof joint for both above and below grade applications. These joint seals are user-friendly, quickly installed, and allow traffic to be resumed almost immediately after installation. Ply-Seal® can also be color-coated to match most adjacent substrates including black, gray, and beige.

Also available: Ply-Seal® FR, Ply-Seal® FB, Ply-Seal® Finger Joint, Ply-Seal® XE, Ply-Seal® Strip Seal Repair, Ply-Seal® FG, Evazote

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**POLYSET**

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