Owners, Architects and Consultants are increasingly seeking a secondary means of controlling incidental moisture that may penetrate the building’s exterior cladding and collecting condensation that may form on the interior face. Dual lines of sealant at joints, as specified in the past, may trap moisture and will not disperse it back to the exterior or address the condensation concern. In addition, dual lines of sealant are not practical on GFRC or Stone On Truss Systems due to their thin sections.

2DS is a unique, proprietary, pre-engineered, patented secondary drainage system designed to collect and drain incidental moisture penetration and condensation to the exterior. In addition, if damage to the exterior sealant joints occur, this system may provide temporary protection to the building’s interior until the damage can be identified and repaired. This system is has been developed, tested and installed on Architectural Precast Concrete, GFRC and Stone on Truss Frame Systems.

PRODUCT SUMMARY:
- U.S. Patent No. 6,623,633 B2
- Applicable for Architectural Precast Concrete, GFRC, and Stone on Truss Frame Systems
- Plant or Field Applied
- Non-Combustible and Flame Resistant
- Complies with ASTM C1115 Requirements
- High Quality, Reliable One Coating High Performance Silicone Sealants and Heat Cured Rubber Parts
- Compatible with Exterior Silicone Sealants

COMPONENTS:
- Covered Channel
- 30°/60° Corners
- 90° Corner
- Endcap
- Inside Connector
- Taping with Connector
- Joint “T”
- Precast Joint Box
- GFRC/Stone/C-CAPP Joint Box

*Components are available in关心 colors to match the joint sealant.
**2DS SYSTEM FEATURES**

**PRECAST PANEL JOINT CUT-AWAY**

- Universal End Cap
- Friction Fit Tubing
- Dust & Debris Protection Tape
- Optional Pressure Sensitive Adhesive Tape (PSA)

- "Open Top" Feature
  - Protects joints by redirecting moisture that may penetrate the sealant.

**2DS SYSTEM FEATURES**

- Flame Resistant Extruded Silicone Collection Channel
- Flexible, easily accommodates panel irregularities, radiuses and 90° corner transitions.
- Cut to length in field.

**GLASS FIBER REINFORCED CONCRETE (GFRC) APPLICATION**

**INDUSTRY FIRST INNOVATIONS:**
- Optional "Dove-Tail" feature for plant installed application
- Elastomeric properties allow for variations in joint width
- Face of JPCROV becomes sealant backer
- Details available on how to accommodate skin breaks and pin bonding pads

**VARIATIONS OF THE 2DS SYSTEM ARE INSTALLED ON THE FOLLOWING PROJECTS:**

- **Elihu M. Harris State Office Building**
  - Oakland, CA
  - Architect: DMJM+H
  - General Contractor: Hathaway / Dinwiddie Construction
  - Laboratory testing provided by: Construction Consulting Laboratory West, Ontario, CA

- **GFRC Condominium**
  - Laboratory testing provided by: Construction Consulting Laboratory West, Ontario, CA

**JOINT DIVERSION TEE**

**STONE ON TRUSS FRAME APPLICATION SHOWN**

**PROTECTS JOINTS, DIVERTS MOISTURE TO THE COLLECTION CHANNEL**

- Precast, GFRC and Stone on Truss Frame Applications
- Flexible, easy to install
- Expands to joint size
- Designed for thin sections and varied joint widths 1/4" to 1"
- Flange sets proper angle

**GLASS FIBER REINFORCED CONCRETE (GFRC) APPLICATION**

**INDUSTRY FIRST INNOVATIONS:**
- Optional "Dove-Tail" feature for plant installed application
- Elastomeric properties allow for variations in joint width
- Face of JPCROV becomes sealant backer
- Details available on how to accommodate skin breaks and pin bonding pads