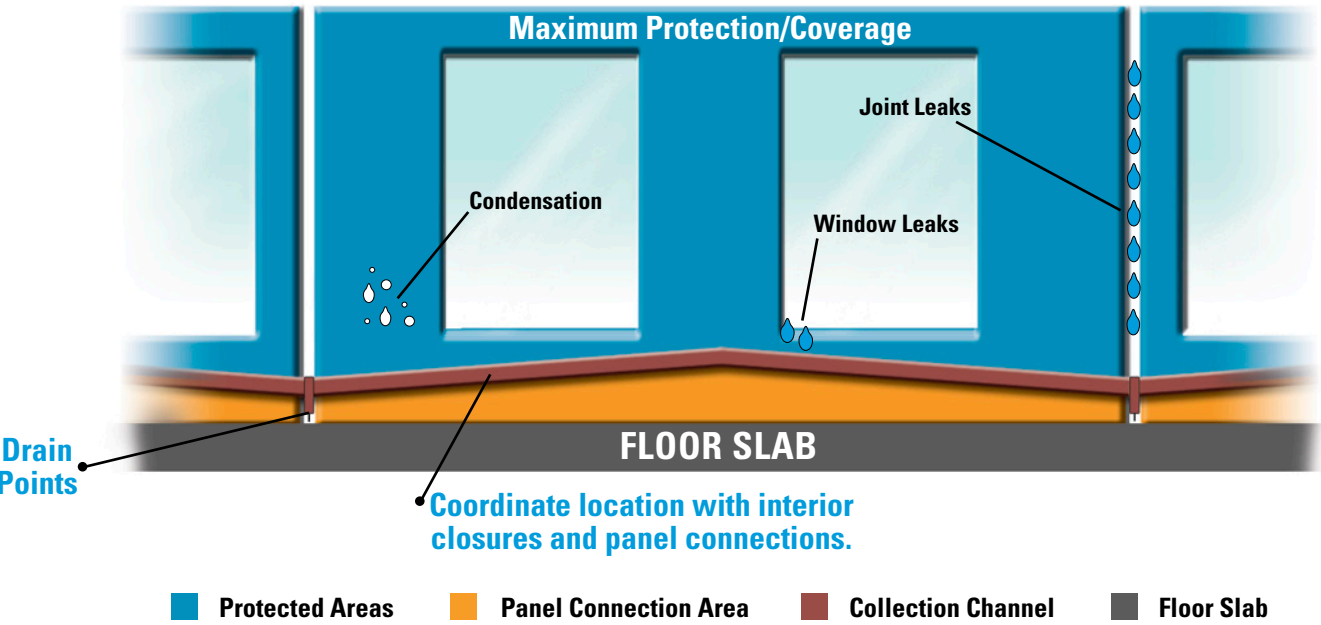


Owners, Architects and Consultants are increasingly seeking a secondary means of controlling incidental moisture that may penetrate the building's exterior cladding and collecting condensation that may form on the interior face. Dual lines of sealant at joints, as specified in the past, may trap moisture 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 has been developed, tested and installed on Architectural Precast Concrete, GFRC and Stone on Truss Frame Systems.



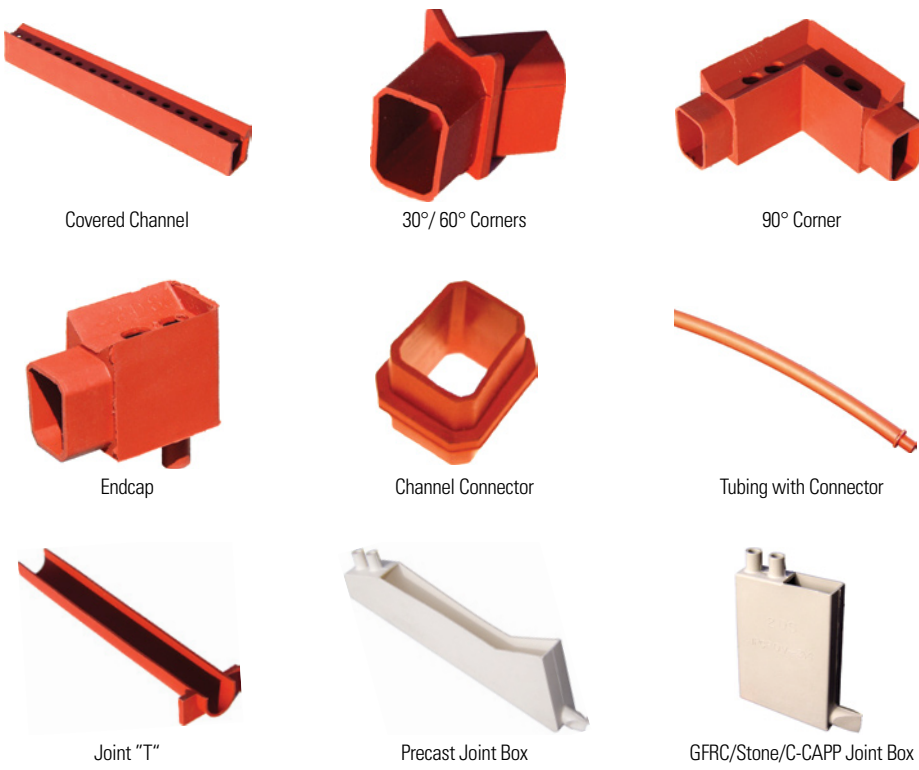
Recommended Location of 2DS System
Shown: Punched Window Panel Example. Spandrels and Column Covers Similar.



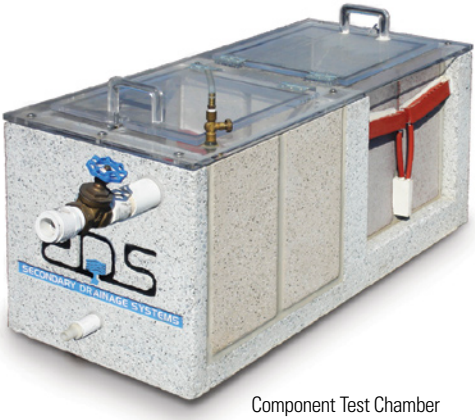
PRODUCT SUMMARY:

- U.S. Patent No. 6,823,633 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 Dow Corning High Performance Silicone Sealants and Heat Cured Rubber Parts
- Compatible with Exterior Silicone Sealants

COMPONENTS*:



**Components are available in colors to match the joint sealant.*

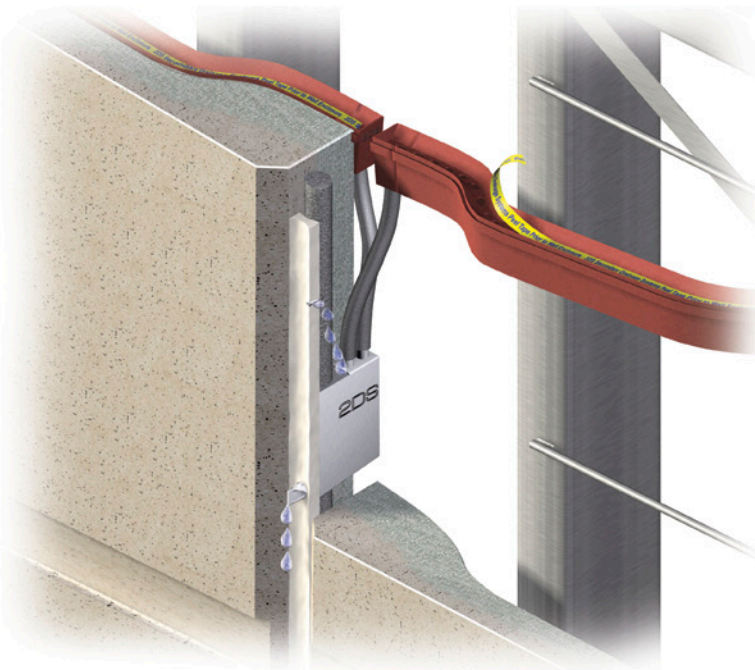
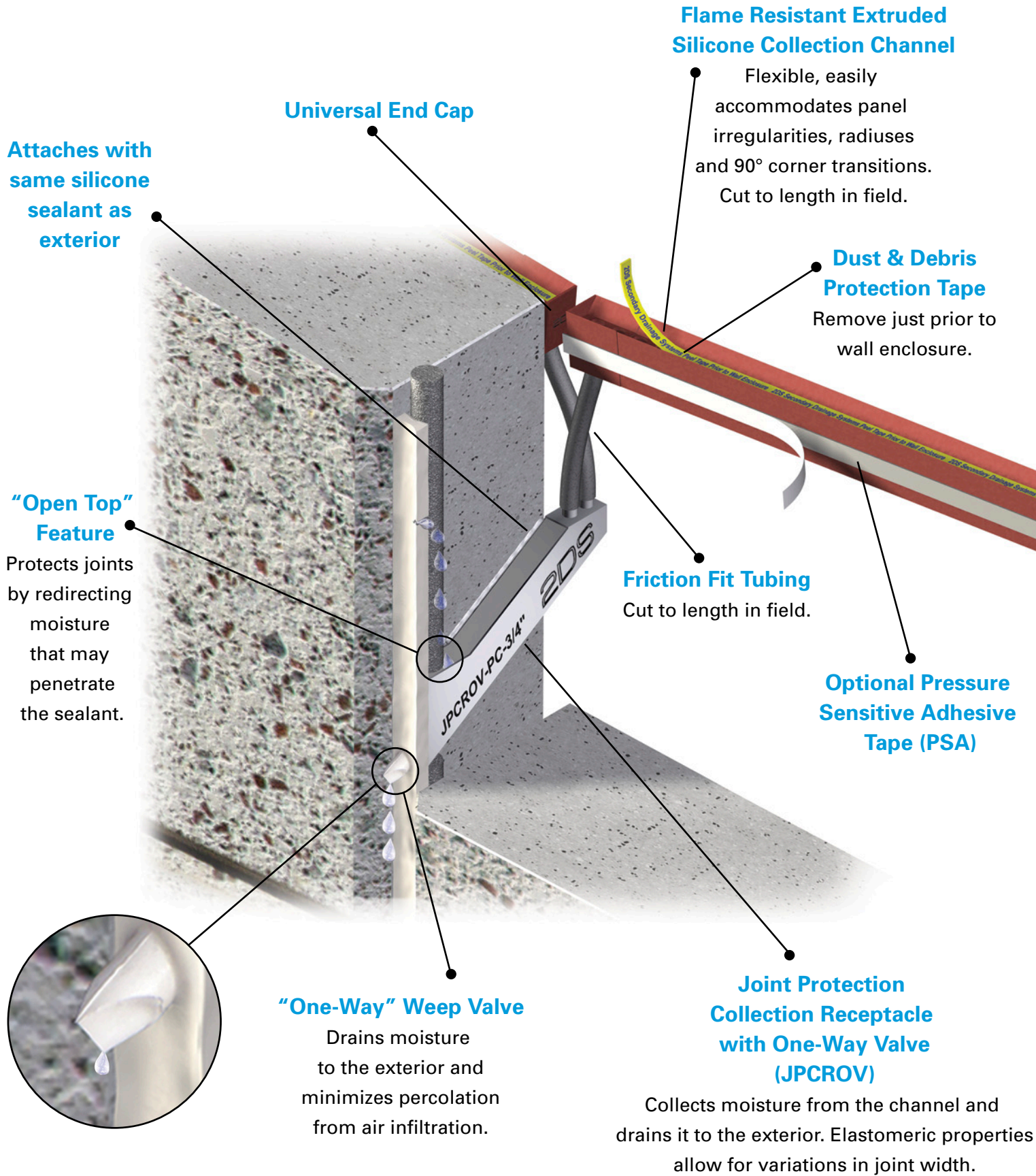


Component Test Chamber

2DS
SECONDARY DRAINAGE SYSTEMS
1875 South River Road
West Sacramento, CA 95691
Phone 916 / 373-9782
Fax 916 / 371-7277
www.2ds.com



2DS SYSTEM FEATURES
PRECAST PANEL JOINT CUT-AWAY



GLASS FIBER REINFORCED
CONCRETE (GFR) 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



JOINT DIVERSION TEE

STONE ON TRUSS FRAME APPLICATION SHOWN PROTECTS JOINTS, DIVERTS MOISTURE TO THE COLLECTION CHANNEL

- Precast, GFR 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



SECONDARY DRAINAGE SYSTEMS

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:
CRL Labs, Miami, FL

Precast
State Office Building

GFR Condominium

Bridgeview Towers
San Francisco, CA
Architect: HKS
Architects, Inc.
General Contractor:
Webcor Builders

Laboratory testing provided by:
Construction Consulting
Laboratory West, Ontario, CA

Stone on Truss Frame
Commercial Office Building

Opus Center
San Jose, CA
Architect:
OPUS Architects
and Engineers
General Contractor:
OPUS West Corporation

