

1-PART®

Pourable Sealant Used in Curb Systems

PRODUCT DATA SHEET PD1428 - REV.241213



APPLICATIONS



ROOFING

SEALANTS

PART NUMBERS & PACKAGING:

- F1428 - **10.1 fl. oz. (300 ml) - 24 cartridges/carton**
- F1400 - **28 fl. oz. (828 ml) - 12 cartridges/carton**
- F1425 - **1/2 gallon pouch - 4 pouches/field pack**
- F1426 - **1/2 gallon pouch - 4 pouches/carton**
- F1427 - **5 gallon pail - Special order only**

DESCRIPTION:

1-PART is a moisture curing, pourable sealant designed for use in pitch pans and warranted ChemCurb®/E-Curb® penetration seals. **1-PART** is suitable for application in damp, dry, or cold climates. **1-PART** is solvent-free, contains no isocyanates and will not shrink upon curing. **1-PART** will not out-gas or bubble on damp surfaces as urethane sealants often do. **1-PART** has resilient "elastomeric" properties and excellent adhesion to most construction materials. **1-PART** can be used effectively in many difficult construction site conditions and cures at low temperatures (32°F / 0°C). **1-PART**'s low durometer accommodates greater movement in penetration seals than typical urethane sealants.

COLORS:

Standard colors include white, gray and black.

REGULATORY COMPLIANCE:

- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65.
- Conforms to USDA Requirements for non-food contact

ADVANTAGES:

- Solvent-free, 100% solids will not shrink
- 20-50 minute skin over
- No outgassing on damp surfaces
- Good UV stability, will not suntan
- Paintable after 24 hours
- Self-leveling
- No special tools or mixing required
- Application at temperatures as low as 32°F (0°C)
- Extended warranties available
- Made in the USA - ISO 9001:2015 certified processes

BASIC USES:

- ChemCurb Penetration Seals
- E-Curb Penetration Seals
- Pitch Pans

COMPATIBLE SUBSTRATES:

- SBS-Modified Bitumen/BUR
- APP with Granulated Target
- Single-ply Membranes
- PVC
- TPO with TPO primer
- EPDM

**Test and evaluate to ensure adequate adhesion.*

GREEN STANDARDS:

- EQc2: BPDO – Low emitting Materials: Chem Link adhesives and sealants are low-VOC products exterior applied.
- VOC Content: less than 19 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)
- NAHB Model Green Home Building Guidelines: 5 Global Impact Points



1-PART®

Pourable Sealant Used in Curb Systems

PRODUCT DATA SHEET PD1428 - REV.241213



APPLICATIONS



ROOFING

SEALANTS

APPLICATION INSTRUCTIONS:

Remove all previously applied caulk, mastic, cement, asphalt and other contaminants from penetrations with a wire brush. Brush away all gravel or loose granules.

Seal the base of each penetration with M-1®. Coat penetrations with M-1 three inches from base, finishing one inch above the top of the ChemCurb/E-Curb. **DO NOT USE AN ASPHALT PRIMER OR ROOF CEMENT.**

Cut tip off the tube at the widest point of nozzle and pierce the foil seal. Insert the cartridge into a caulking gun and pump the ChemCurb/E-Curb full. If using a pouch, remove the cap from the pouch, pour into curb. If there is remaining sealant, squeeze out excess air and reseal.

NOTE: It is recommended to fill the ENTIRE ChemCurb/E-Curb with **1-PART** and maintain a one inch distance between the penetration and inside edge of the ChemCurb/E-Curb to provide an adequate rubber seal.

CLEAN-UP:

Wet sealant can be removed using a solvent such as alcohol. Cured **1-PART** can be removed by abrading or scraping the substrate.

STORAGE & HANDLING:

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life.

1-PART will not freeze.

SHELF-LIFE:

Twelve months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.

LIMITATIONS:

- For light colored product, UV light will prevent discoloration
- Do not use on EPDM or TPO without Low VOC EPDM/TPO Primer
- Do not store in elevated temperatures.
- Please contact customer service for application guidelines with temperatures below 32°F (0°C).
- Do not install if rain is anticipated within 4 hours
- Do not use on TPO without TPO primer.
- Do not use on Hypalon membranes.
- Smooth APP membranes require a prior installation of a granulated target of APP modified bitumen around the penetration.
- Do not use in areas subject to continuous immersion.
- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations (800-826-1681).
- Do not prime bonding surfaces with asphalt primer. Do not use asphalt cement as a "night sealant" around the base of the penetration. Use M-1 for this purpose.

Test and evaluate all paints before application.

Alkyd and oil based paints may dry slowly.

DO NOT USE petroleum based solvents such as mineral spirits or xylene for cleaning purposes. Maintain **1-PART** at room temperature before applying to ensure easy gunning and leveling. Test and evaluate to ensure adequate adhesion. Dry all visible and standing water prior to applying **1-PART**.

1-PART®

Pourable Sealant Used in Curb Systems

PRODUCT DATA SHEET PD1428 - REV.241213



APPLICATIONS



ROOFING

SEALANTS

TECHNICAL INFORMATION & TESTING:

TYPICAL PHYSICAL PROPERTIES/DATA TESTING

PROPERTY	VALUE	TEST METHOD
Rheological Property	Type I—Single-component flowable or self-leveling	ASTM C639
Tack Free Time	20-50 min	45 ± 5 % R.H
Hardness Shore A	18	ASTM C661
Service Temp	-40°F to 200°F (-40C to 93°C)	-

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides, Cold Weather Application Guidelines and full warranty for this product.