

Putty Repair Stick, Epoxy, Steel-Reinforced



1. Scope

This standard covers the requirements for epoxy, steel-reinforced putty repair stick. This standard applies to Seattle City Light (SCL) Stock No. 756105.

2. Application

For use in spill events to bond, fill, anchor, caulk, and waterproof items made of steel, aluminum, copper, wood, fiberglass, ceramic, PVC, concrete and more.

When applying to damp, wet, or slowly leaking area, work the mixed epoxy putty forcefully into the surface and apply pressure until adhesion begins to take effect.

For best results, use damp fingers for easier mixing, application, and a smooth appearance of the cured compound. Remove excess material before hardening begins.

Curing: Repair putty has a 3–5-minute work life. After 5-10 minutes, it will harden and form a tenacious bond. After 60 minutes the system can be put back into service.

3. Requirements

Requirements for repair putty stick are as shown in Table 3.

Table 3. Repair Putty Stick Requirements

| | |
|---|---|
| Working life (minutes) | 3-5 |
| Shelf stability (months @ 75°F, minimum) | 24 |
| Hardness, Shore D Hardness Scale (full cure, 24 hrs.) | 75-85 (extra hard) |
| Compressive strength (p.s.i.) | 10-14,000 |
| Dielectric strength (volts/mil) | 300 |
| Upper temperature limit | |
| Continuous (°F): | 250 |
| Intermittent (°F) | 300 |
| Chemical resistance | Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases |

Product shall be packaged with instructions for use.

See product packaging for use and cautionary information.

Standard Coordinator
Laura Vanderpool

Standards Engineering Supervisor
John Shipek

Division Director
Tamara Jenkins

4. Packaging

Product shall be packaged to prevent damage during shipping, handling, and inside storage.

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- SCL stock number

Shipping containers shall be legibly marked with:

- SCL purchase order number
-

5. Issuance

Stock unit: EA

6. Approved Manufacturers

| <u>Manufacturer</u> | <u>Description</u> | <u>Part No.</u> |
|---------------------|-----------------------------|-----------------|
| J-B Weld | SteelStik epoxy putty, 2 oz | 8267 |

7. Sources

SCL Stock Catalog page 76-13; September 29, 2017

Vanderpool, Laura; SCL Standards Technical Writer, originator, and subject matter expert for 7545.05

www.jbweld.com