

Viscotaq™ COATING PATCH

Visco-Elastic Repair Patch

Description

Viscotaq Coating Patch is a visco-elastic repair patch for underground and aboveground substrates. It is provided as a 3.5" x 3.5" patch compound with a solvent wipe and sandpaper included for surface preparation.

Uses

- Cadwelds
- Pin braze connections
- Holiday repairs

Features

- Impermeable to moisture and gases
- Immediate adhesion to substrate / permanent wetting characteristics
- No primer needed
- Easy to apply, no mixing or messy clean-up
- Minimal surface preparation required (sandpaper / solvent wipe)
- Self-healing characteristics
- Inert material, no deterioration over time
- Resistant to aggressive soil conditions such as water, acid, salts, or soil organics
- Ready for immediate service
- Contains no solvents, no carcinogens, non-toxic, non-flammable
- Never cracks or becomes brittle
- Flexible, pliable, easily conforms to irregular shapes
- UV resistant
- Freeze / thaw resistant
- Application ranges from -45°F to 158°F (-45°C to 70°C)
- Ability to fill voids and anomalies of substrate

Surface Prep

- Minimum surface preparation should be to roughen surface of sufficient area around damage to exceed patch area with sandpaper provided.
- Once loose materials are removed, clean surface with solvent wipe provided to remove any remaining dust, grease, and moisture.
- Surface of substrate should be 5°F (3°C) or greater above the dew point.



TECHNICAL DATA SHEET

- Surface inspected prior to application with any defects documented.
- Always keep the working area clean and dry. Avoid the presence of water. Any adjacent coating should be roughened by means of sandpaper.

Application

- Remove the release liner and place the adhesive side onto the substrate.
- Apply pressure over entire patch area to ensure good contact with surface.
- For coating repairs in difficult to reach areas, the Velcro disk attached to the patch can be used to attach to a placement tool configured appropriately to reach the repair area.

Storage

Store in a dry, well-ventilated area between 40°F and 140°F (4°C to 60°C) in original, unopened containers. Shelf life is unlimited under these conditions. It is recommended that all components be stored between 68°F to 86°F (20°C to 30°C) for 24 hours prior to use for optimum product application characteristics. Due to the adhesive nature of the product, release films / papers should be kept in place during storage and whenever the material is placed on its side after removal from the case.

Packaging

A single Viscotaq Coating Patch contains one each 3.5" x 3.5" repair patch, one each solvent wipe packet, and one each square of 80 grit sandpaper.

A case of coating patches contains 48 each kits as described above.

TECHNICAL DATA SHEET

Tech Data

| Properties | Imperial | Metric |
|--|--|--|
| Material State | Semisolid | <i>Semisolid</i> |
| Thickness (ISO 4593:1993E) | >70 mils | >1.8 microns |
| Density (DIN 53479) | 1.1-1.3 | 1.1-1.3 |
| Glass Transition Temperature (ASTM E1356-03) | -45.26°F | 42.92°C |
| Water Vapor Permeability (ASTM E96/96M-10) | <5.6 x 10 ⁻⁴ lb/day/ft ² /psi | <4 x 10 ⁻⁴ g/day/m ² /Pa |
| Water Absorption (ISO 62) | <0.03% | <0.03% |
| Volume Resistivity (ASTM D257-07) | >8.7 x 10 ¹² ohm*in | >2.2 x 10 ¹³ ohm*cm |
| Surface Resistivity (ASTM D257-07) | >6.0 x 10 ¹⁶ ohm*ft ² | >5.6 x 10 ¹⁵ ohm*m ² |
| Application Range | -45°F to 158°F | -45°C to 70°C |
| Dielectric Strength (ASTM D149-09) | >445 KV/in | >17.5 kV/mm |
| Impact Strength (ISO 21809-3 (2016) Annex D) | >133 in-lb _f | >15 J (Immediate) |
| Indentation (ISO 21809-3 (2016) Annex E) | No holidays | <i>No holidays</i> |
| UV/Weather Cycle Test (ASTM D4587, 1000 Hours) | Excellent, rating 10 | <i>Excellent, rating 10</i> |
| Wet Adhesion Test (CSA Z245-20-06 Sec. 12.14) | Excellent | <i>Excellent</i> |
| Chemical Resistance in Aggressive Soils Tested in Sulfuric Acid (30%), Nitric Acid (10%), Phosphoric Acid (20%), Hydrochloric Acid (10%) | Excellent | <i>Excellent</i> |
| | No deterioration, 72 hours at 158°F / No corrosion, 72 hours at 158°F | <i>No deterioration, 72 hours at 70°C / No corrosion, 72 hours at 70°C</i> |



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