

Technical Data Sheet



W V C O

Willamette Valley Company

www.wilvaco.com

800.333.9826

Partnering through service,
innovation, and integrity



WVCO Railroad Division

www.WVCORAILROAD.com

SALES DESK

1-800-333-9826

sales@wvcorailroad.com

PRODUCT SUPPORT

Michael R. Land

541.484.9621

03mikel@wilvaco.com

SRP-210

Concrete Shoulder Repair Product

DESCRIPTION

SRP-210 is a material designed to fill worn metal shoulders and extend the service life of concrete railroad ties. SRP-210 is easy to apply in the field and is placed between a specially engineered metal shim and worn metal shoulder. Restoring the metal shoulder with SRP-210 is an effective method of maintain proper rail gauge, while minimizing tie maintenance time and tie replacement expenses.

WHERE TO USE

- **Concrete ties**—repair worn metal shoulders
- **Sealing surfaces**—fill cracks and voids
- **Between shim and shoulder**—adheres to shim

FEATURES AND BENEFITS

- **Quick Cure Times**—high production rates
- **Restore Original Geometry**—proper cant and gauge
- **Reduced Head Deflection**—greater longitudinal rail restraint
- **Lower Maintenance Cost**—extends tie service life

PACKAGING

Cartridge (450 ml)

COLOR

Blue

YIELD

50-60 Rail Shoulders per cartridge.

SHELF LIFE

6 months when properly stored.

STORAGE

Store and ship cartridges upright, and in a dry covered environment between 60 to 90° F (15 to 32° C).

TECHNICAL INFORMATION

Typical Properties

VOC , lbs/gal (g/L), ASTM D 2369	0
Viscosity , cps, ASTM D 4878, 77°F (25°C), Iso / Resin	200 / 1500
Hardness , Shore D, ASTM D 2240	75
Set time , sec, 77°F (25°C)	60 (Temperature dependent)
Service temperature , ° F (° C)	-40 to 212 (-40 to 100)

Processing Parameters

Ratio by volume , Resin to Iso	2 to 1
Meter equipment	Manual dispenser
Static mixer	13-24
Application temp. , °F (°C)	35 to 110 (2 to 24)
Recommended application volume , in ³ (cm ³)	0.40 in ³ (6.40 cm ³)

APPLICATION

Use Willamette Valley Company's metering equipment which is specifically engineered for processing SRP-210 to generate the proper mix ratio, and pressure.

SRP-210 is supplied in a ready-to-use form that requires proper mixing and dispensing. Care should be taken that SRP-210 is stored properly, does not become contaminated with foreign matter, and is applied according to WVCO recommendations.

Proper application is the responsibility of the user. Field visits by WVCO Representatives are for the purpose of making technical recommendations and equipment service only, and not for supervising or providing quality control.

Contact a Willamette Valley Company Representative for more information on product and equipment instructions, recommendations, and full-service warranty.

HEALTH AND SAFETY

First Aid

- Refer to Material Safety Data Sheet (MSDS) for further information.
- For emergencies, call INFOTRAC 1-800-535-5053
- In case of eye or skin contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove any contaminated clothing and shoes. Get medical attention immediately.

- In case material is released or spilled, stop leak or dike spilled material if without risk. Avoid contact with skin and clothing. Do not breathe vapor or mist. Use absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. Refer to MSDS for more details. Comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements for disposal of material.

WILLAMETTE VALLEY COMPANY

www.wilvaco.com
info@wilvaco.com

DIVISIONS

WESTERN DIVISION

1075 Arrowsmith Street
PO Box 2280
Eugene, OR 97402
Tel 541.484.9621
www.POLYQUIK.com
www.WVCORAILROAD.com

EASTERN DIVISION

6662 Marbut Road
Lithonia, GA 30058
Tel 888.878.9826

MIDWEST DIVISION

1549 Hwy 2
Two Harbors, MN 55616
Tel 218.834.3922

PRECISION TECHNOLOGIES DIVISION

675 McKinley Street
Eugene, OR 97402
Tel 541.484.2368
www.pre-tec.com

SOUTHERN DIVISION

100 Dixie Mae Drive
PO Box 4450
Pineville, Louisiana 71361
Tel 318.640.5077

SUBSIDIARIES

CANADIAN WILLAMETTE

20380 Langley Bypass
Langley, BC V3A 5E7
Tel 604.530.2031

ECLECTIC PRODUCTS INC.

Corporate Office
1075 Arrowsmith Street
Eugene, OR 97402
Tel 541.284.4667
www.eclecticproducts.com

IDAHO MILL & GRAIN

445 North 430 West Hwy
Po Box 188
Malad City, Idaho 83252
Tel 208.766.2206

TAPEL WILLAMETTE LTD. S.A.

Av. Estero La Posada 3625 Parque
Industrial Coronel Coronel, Chile
Tel 011.56.41.928.100
www.tapel.cl



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