



219 PVC CEMENT HEAVY BODY/GRAY

GENERAL DESCRIPTION:

E-Z Weld 219 Heavy Body PVC Cement is heavy bodied, slow set Solvent Cement. It is viscous (thick) and, carries very good gap filling properties. This cement is ideal for joining the largest diameter PVC pipes & fittings where the gap between pipes and fittings is over 1/16 of an inch. It may also be used on small diameter pipes and fittings. When joining large diameter pipe & fittings the use of primers is highly recommended. This cement requires little longer cure time.

APPLICATION:

This cement is good for joining Schedule 40 & 80 PVC pipes and fittings up to 24" diameter interference fit. It is approved for cold water pressure applications. It may be used for non-pressure applications such as drain, waste, vent sewer, gas, conduit etc. For superior joints use with E-Z Weld Primer, Purple (No.212) or Clear (No. 211). Never add thinner or additive. Never use the cement if it is stringy or jelly like. Always follow instructions on the label.

Application temperature: 32°F to 110°F
Storage temperature: 45°F to 100 °F



QUALITY ASSURANCE:

Every batch of cement is carefully checked and monitored to assure consistently high quality standards. Records of every batch are kept. A sample of every batch is taken and kept at least one year. All ingredients are purchased from approved suppliers. This cement has passed the following test (performed in accordance with ASTM Std. D 2564)

Lap Shear: 250 psi after 2 hours cure time, 500 psi after 16 hours cure time, 900 psi after 72 hours cure time
Hydrostatic Burst: 1600 psi after 2 hours cure time

PHYSICAL PROPERTIES:

Color: Gray Body: Heavy Set: Slow Shelf life: 3 years (Unopened can)
Viscosity: Min 1600 cps @ 73°F Specific Gravity:

NON LOW VOC PRODUCT.

CURE TIME GUIDE:

The ASTM has developed the following schedule and may be used as a guide (for relative humidity 60% or less. Sch. 40 size pipe.) *eg. a 2" pipe size joint made at 55 degrees F, 50% Relative Humidity and a test pressure of 100 psi would require a cure time of 4 hrs.*

| Temperature Range (°F) | Pipe Size ½" to 1 ¼" | | Pipe Size 1 ½" to 3" | | Pipe Size 3" to 6" | |
|------------------------|----------------------|--------------------|----------------------|--------------------|--------------------|--------------------|
| | Up to 180 psi | 181 psi to 370 psi | Up to 180 psi | 181 psi to 315 psi | Up to 180 psi | 181 psi to 315 psi |
| 60 to 100 | 1 Hr | 6 Hrs | 2 Hrs | 12 Hrs | 6 Hrs | 24 Hrs |
| 40 to 60 | 2 Hrs | 12 Hrs | 4 Hrs | 24 Hrs | 12 Hrs | 48 Hrs |
| 10 to 40 | 8 Hrs | 12 Hrs | 16 Hrs | 96 Hrs | 48 Hrs | 8 Days |



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AVAILABILITY:

| Size | Part No. Regular | (UPC No.) | |
|------|------------------|--------------|---|
| Pt | 21903 | 812574012132 | <i>Pt. And Qt. cans are supplied with dauber inside cap. Gallon sizes supplied with plain cap only.</i> |
| Qt | 21904 | 812574012149 | |
| Gal | 21905 | 812574012156 | |
| | | | |

PACKAGING:

| Size | ¼ Pt | ½ Pt | Pt | Qt | Gal |
|-----------------------|-------|-------|-------|-------|-------|
| Fluid oz | 4 | 8 | 16 | 32 | 128 |
| Liters | 0.12 | 0.24 | 0.49 | 0.95 | 3.79 |
| Units per case | 24 | 24 | 12 | 12 | 6 |
| Weight per case - Lb. | 8 | 15 | 14 | 27 | 49 |
| Weight per case - Kg | 3.63 | 6.81 | 6.36 | 12.26 | 22.70 |
| Cubic feet per case | 0.28 | 0.42 | 0.43 | 0.73 | 1.12 |
| Cubic meter per case | 0.008 | 0.012 | 0.012 | 0.021 | 0.032 |
| Cases per pallet | 240 | 140 | 144 | 100 | 45 |

SAFETY PRECAUTIONS:

Ensure adequate ventilation to avoid vapor build up which may cause flash fire. Vapor build up may also cause dizziness, headaches or eye watering. If symptoms are experienced use respiratory protection (NOISH/MSHA TC 23 c or equivalent) or leave area and provide more fresh air. Avoid contact with eyes, skin and clothing by use of safety glasses and gloves. Professionals should consult ASTM Standard F 402-93 Safe Handling of Solvent Cements, Primers and Cleaners Used for Joining Thermoplastic Pipe and Fittings. Professional users should also read the Material Safety Data Sheet for the product.

Inhalation: If breathing is difficult vacate to fresh air. If breathing problems persist seek immediate medical attention.

Eyes: Flush eyes thoroughly with water for 15 minutes. Get immediate medical attention.

Internal: If swallowed give 1 or 2 glasses of water immediately, call physician, hospital or poison control immediately. **DO NOT INDUCE VOMITING.**

SHIPPING / TRANSPORTATION:

Material packaged in less than a liter size is exempted under "Limited Quantity Rules" by DOT. These packages may be shipped with the description ORM - D Consumer Commodity. Packages shipped under this description are not subject to shipping paper requirements for flammable materials.

For a liter and larger sizes (gallon and above container):

Proper shipping name: Adhesive Flammable Class 3 UN No: UN 1133 Packing group: PG II