

# E-ZWELD<sup>®</sup> 215 ALL TEMPERATURE CEMENT MEDIUM BODY/CLEAR

LOW VOC

## GENERAL DESCRIPTION:

E-Z Weld 215 All Temperature is a medium bodied, fast set PVC Solvent Cement. This cement is specially formulated for joining PVC pipe and fittings when the temperature is below freezing. This product maintains good flow characteristics, even when temperatures are near zero. It is important to note that PVC cement does not work as effectively when temperatures are low. A longer cure time should be allowed during cold weather.

## APPLICATION:

This cement is good for joining Schedule 40 & 80 PVC pipes and fittings up to 6" diameter interference fit. It is approved for cold water pressure applications. It may also be used for non-pressure applications such as drain, waste, vent, sewer, conduit, gas etc for up to 8" diameter pipes. When working in very cold temperature it should be thoroughly stirred to ensure that the cement flows well. 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, lumpy or jelly like.

Application temperature: -17°F to 120°F

Storage temperature: 40°F to 100 °F



## CERTIFICATION:



PW, DWV, SW

This product is tested, certified and approved by the NSF International for use on potable (drinking) water drain, waste and vent system. It is also listed by the International Association of Plumbing & Mechanical Officials (IAPMO). It carries the Uniform Plumbing Code (UPC) seal. This cement meets ASTM Standard D 2564.

## 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:** 400 psi after 2 hours cure time @ 73°F

## PHYSICAL PROPERTIES:

Color: Clear Body: Medium Set: Fast Shelf life: 3 years (Unopened can)

Viscosity: Min 500 cps @ 73°F Specific Gravity: 7.904

**LOW VOC (VOLITILE ORGANIC COMPOUND)** Maximum VOC per SCAQMD 1168/316A: 510 g/l

## 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	21503	892996002881	<i>Pt. And Qt. cans are supplied with dauber inside cap. Gallon sizes supplied with plain cap only.</i>
Qt	21504	892996002898	
Gal	21505	892996002904	

### 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