ARC® Cleaners & Accessories

PRODUCT DATA SHEET

Water Based Cleaners

ARC® 102 and 105

Description

ARC 102 and 105 are USDA approved highly alkaline, industrial strength, water based cleaners. Both perform over a wide range of dilutions to emulsify and lift greases, oils, and soils prior to final surface preparation for ARC Composites.

ARC 102 is best suited for heavy greases and oils and has excellent foaming and cling to vertical surfaces.

ARC 105 is a phosphate free formula best suited for animal and vegetable fats.

Directions

Dilute as recommended below. Apply with mop, brush, sponge, cloth or spray. Allow 2-3 minutes for deep penetration. It may be necessary to scrub heavily soiled areas with a stiff bristle brush. Rinse with water. Reapply as needed.

Packaging

Concentrated material is available in three package sizes: 1 gallon, 5 liter, and 20 liter.

Recommended Dilutions (with water)

	ARC 102	ARC 105
Light Cleaning	30 - 1	40 - 1
General Cleaning	15 - 1	15 - 1
Heavy Duty Cleaning	4 - 1	5 - 1
Grease and Oil/Fat Removal	2 - 1	2 - 1

Safety

Before using any products review the appropriate Material Safety Data Sheet (MSDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

Typical Physical Properties

	ARC 102	ARC 105
Appearance	Clear, Red	Clear, Blue
Solubility	Complete	Complete
pH (concentrated)	13.1	13.1
Density	1,06 kg/l (8.8 lb./gal)	1,1 kg/l (9.4 lb./gal)
Freeze Thaw Stability	Pass 6 cycles	Pass 6 cycles

Solvent Based Cleaners

ARC® 204 & 205

Description

ARC 204 and 205 are fast evaporating, solvent based cleaners containing no ozone depleting chemicals. They are effective at removing light deposits of oils and greases, as well as blast abrasive residues, from a surface prior to applying ARC Composites.

ARC 204 is non-flammable and leaves minimal residue to impair adhesion.

ARC 205 has extreme purity leaving virtually no residue to impair adhesion.

Directions

If heavy deposits of oils and greases are present first use either ARC 102 or 105. As a final flush prior to application of an ARC Composite apply ARC 204 or 205 by aerosol, or bulk method using nylon brush, cloth, or sprayer.

Packaging

Materials are available in aerosol and 20 liter pails.

Safety

Before using any products review the appropriate Material Safety Data Sheet (MSDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

Typical Physical Properties

	ARC 204	ARC 205
Flash Point (ASTM D93)	None	-6°C (21°F)
% Volatile by Volume @25°C (77°F)	100%	100%
Density (g/cc)	1.62	0.7

Accessory Products

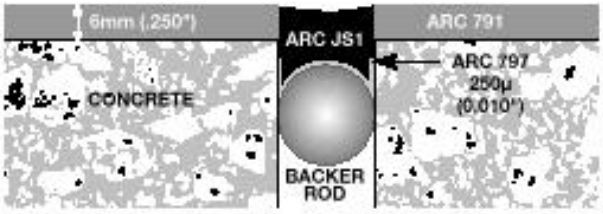
ARC® JS1

Description

ARC JS1 is a single component caulking compound and joint sealant formulated with Viton* for extreme chemical exposures. It is ready for use as received, no mixing required. Simply cut tip of caulk tube and apply bead for a chemically resistant seal in aggressive environments for industrial flooring, flue gas ducts, and secondary containment structures. Color is black.

Directions for Flooring Applications

Joint area should be clean and dry. Refer to ARC Concrete Manual for proper joint design and preparation methods. Install backer rod. Apply ARC 797 Primer to backer rod and walls of joint up to within 3 mm (1/8") of floor surface. Apply ARC JS1 and finish with concave trimmer joiner.



Packaging

Caulk tube containing 325 cc (11 fl. oz.) of ARC JS1.

Coverage - Linear meters per tube

Joint Dimensions - ***W x D***

W	D	6 mm	9 mm	12 mm
6 mm		9,0	6,0	4,5
9 mm		6,0	4,0	3,0
12 mm		4,5	3,0	2,3

Coverage - Linear feet per tube

Joint Dimensions ***- W x D***

W	D	0.25"	0.375"	0.5"
0.25"		26.4	17.6	13.2
0.375"		17.6	11.8	8.8
0.5"		13.2	8.8	6.6

Safety

Before using any products review the appropriate Material Safety Data Sheet (MSDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

Cure Schedule

	10°C 50°F	16°C 60°F	25°C 77°F	32°C 90°F
Tack Free	1 min.	1 min.	1 min.	1 min.
Light Load	32 hr.	28 hr.	24 hr.	20 hr.
Full Load	56 hr	52 hr	48 hr.	44 hr.
Full Chemical	168 hr.	144 hr.	120 hr.	96 hr.

*Viton is a registered trademark of the DuPont Corporation

Technical Data	Typical Values
Volume Solids (ASTM D697)	47%
Tensile Strength (ASTM D412)	8,5 kg/cm 2 (120 psi)
Tensile Elongation (ASTM D412)	100%
Flash point	-6°C (21°F)
Maximum Temperature	120°C (250°F)

ARC® Reinforcement Mesh

ARC reinforcement mesh is used in conjunction with ARC Composites to reinforce cracked concrete and metal surfaces. Available in pre-cut strips 9 m x 7,6 cm (30 ft. x 3 in.) wide.

ARC® Measuring Pails

ARC Measuring Pails are supplied to assist accurate proportioning by volume of ARC Composites for Concrete. They are supplied in packages of ten to a case and are supplied with calibrated labels for use with ARC 790 BF, 797, 791 H and V, and 988 V. Apply the product specific label to the mix pail being sure to align the reference marks.

ARC® Mix Boards

ARC Mix Boards are 3 mm (1/8") thick low density polyethylene. They provide an excellent surface to mix numerous ARC Composites. Easy to clean and reuse, each one is 35 x 28 cm (11 x 14").

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