

APPLICATIONS

AA-844 is a two-part, low viscosity product. A high elongation makes this an excellent choice for control joint and construction joint filling. It is best applied using a low pressure meter mix dispensing unit. AA 844 is also excellent for repairing spalled joints, cracks in floors, small holes, etc.

ADVANTAGES

- Low Viscosity, self-leveling
- Easy One to one mix ratio
- Excellent adhesion to concrete
- Fast - Open to traffic after one hour
- Excellent choice for low temperature applications, even down to -20°F (-29°C)
- Save time - shave after 10 minutes and up to an hour after applying
- Can be applied on damp concrete surfaces with no standing water

PACKAGING

- 10 Gallon Unit
(5 gal part A / 5 gal part B)
- Cartridges

TECHNICAL SPECIFICATIONS

Shelf-Life	6 months in original unopened container
Storage Conditions	Store dry at 60 - 85°F (16 - 29°C) Condition material to 65 - 75°F (18 - 24°C) before using
Application temperature range	-20 - 120°F (-29 - 49°C)
Mixed color	Grey
Mix ratio by volume	Part "A":Part "B" = 1:1
Mix ratio by weight	Part "A":Part "B" = 100:100
Viscosity (mixed) (ASTM D-2393) Spindle @ speed	680 cps 3@20
Pot-Life	3 minutes
Final Cure	24 hours
Hardness Shore A	85
Compressive Strength (ASTM D-695)	2,260 psi (16 MPa)
Water absorption (24 hours water immersion)	0.99%
Compressive modulus (ASTM D-695)	8,600 psi (59 MPa)
Tensile strength (ASTM D-638)	930 psi (6 MPa)
Tensile modulus (ASTM D-638)	2,850 psi (20 MPa)
Shave time	10 to 60 minutes
Tear resistance	163 lbs/in (29 N/mm)
Recovery	100%
Elongation (ASTM D-638)	165%

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Joint must be clean. Remove all dirt, laitance, and any other foreign matter by use of an air blast or other appropriate means. Cracks or joints must be completely dry before applying material. While AA-844 will bond to damp surfaces a dry surface will provide the best bond.

MIXING

Pre-mix each component thoroughly, pigment may settle. If hand pouring, proportion equal amounts by volume or weight of

parts "A" and "B" into a clean container. Mix thoroughly by hand. Mix should appear uniform in color.

APPLICATION

Due to the short pot-life of AA 844 dispensing by use of a 2 part low-pressure meter mix unit is recommended. However, small amounts of product (a quart or less) can be mixed and poured by hand. After applying, allow the material to flow, settle, and self-level. Do not apply after product has begun to gel. Beginning approximate-

ly 10 minutes after application until 1 hour after application, product can be shaved flat with a razor.

Please note: cure time is affected by temperature. Warmer temperatures will speed curing time slightly while cooler temperatures will slow the cure time slightly.

CLEANING

All tools and equipment should be cleaned before the product gels. Use methyl ethyl ketone or any lacquer solvent.

LIMITATIONS

- Do not thin product. Solvents may prevent proper curing.
- For best results, materials should be maintained between 65 - 75°F (19 - 24°C) during application.
- Do not apply in standing water.
- Minimum age of concrete - 28 days
- Material becomes a vapor barrier after cure.
- Short pot-life, do not mix more than a quart by hand.
- Store at between 60 - 85°F (16 - 29°C) due to crystallization in colder temps.

CAUTIONS**Part "A" -****Irritant; Sensitizer**

- Causes irritation. May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

Part "B" -**Irritant; Sensitizer**

- May cause irritation to eyes, skin, and respiratory tract. Do not allow contact with eyes, skin, or clothing. Avoid breathing mist or vapor, especially when heated. Keep container closed. Use adequate ventilation. Wash thoroughly after using.

First Aid:

- In case of skin contact, wash immediately and thoroughly with soap and water. If

GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our laboratories under precise conditions. It is the responsibility of the user to determine the suitability of AXSON® products, under their own conditions before commencing with the proposed application. AXSON® guarantees the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON® disclaims all responsibility for damage from any incident, which results from the use of these products. The responsibility of AXSON® is strictly limited to reimbursement or replacement of products, which do not comply with the published specifications.

Linear Feet per Gallon

		Joint Opening (Inches)						
		1/8	1/4	3/8	1/2	5/8	3/4	1
Joint Depth	1/4	616.0	308.0	205.3	154.0	123.2	102.7	77.0
	1/2	308.0	154.0	102.7	77.0	61.6	51.3	38.5
	3/4	205.3	102.7	68.4	51.3	41.1	34.2	25.7
	1	154.0	77.0	51.3	38.5	30.8	25.7	19.3
	1 1/4	123.2	61.6	41.1	30.8	24.6	20.5	15.4
	1 1/2	102.7	51.3	34.2	25.7	20.5	17.1	12.8
	1 3/4	88.0	44.0	29.3	22.0	17.6	14.7	11.0
	2	77.0	38.5	25.7	19.3	15.4	12.8	9.6
	2 1/2	61.6	308.0	20.5	14.7	12.3	10.3	7.7
	3	51.3	25.7	17.6	12.8	10.3	8.6	6.4

symptoms persist, consult physician. For eye contact, flush immediately with plenty of water for at least 15 minutes, contact a physician. For respiratory problems, remove person to fresh air; if symptoms persist, consult a physician. In case of ingestion, dilute with water and consult physician. Remove contaminated clothing.

Clean Up:

- In case of spills or leaks, wear suitable protective equipment, contain spill, col-

lect with absorbent material, and transfer to suitable container. Ventilate area. Avoid contact. Dispose of in accordance with current applicable local, state, and federal regulations.

- Refer to MSDS for further information.

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