ABATRON, INC.
5501 – 95th Ave., Kenosha, WI 53144 U.S.A
(262) 653-2000 Fax (262) 653-2019
www.abatron.com e-mail: info@abatron.com

SEALANTS AND CAULKS

TDS 810414

PROVEN STRUCTURAL SEALANTS AND CAULKS FOR CONSTRUCTION AND INDUSTRIAL REQUIREMENTS

ABOSEAL 8104-8 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC. BROWN, BLACK or other DARK COLORS.

Ratios, by weight:	100/5	Made to meet Federal Spec. TT-S-00227-E.
Shore A Hardness:	30-35	Architectural standard for concrete, masonry, metal, glass, and
Elongation:	300-350 %	wood.
Tensile Strength:	200-250 PSI	No sag on vertical surfaces.

Characteristics: Very soft; meeting most architectural requirements.

ABOSEAL 8104-9 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC. OR SELF-LEVELLING. MOST COLORS.

Ratios, by weight:	100/15	Made to meet Federal Spec. TT-S-00227-E.
Shore A Hardness:	35-40	Preferred when white or light colors are needed.
Elongation:	250-300 %	It does not stain concrete or marble.
Tensile Strength:	150-200 PSI	

Characteristics: Substitute for 8104-8 where light color is primary consideration.

ABOSEAL 8104-10 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC OR SELF-LEVELLING.

Ratios, by weight:	100/10	BROWN, BLACK or other DARK COLORS.
Shore A Hardness:	52	Most used for floors with medium to heavy traffic.
Elongation:	250 %	
Tensile Strength:	245 PSI	

Characteristics: All-purpose, heavy-duty for most architectural expansion joints.

ABOSEAL 8104-11 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC. BLACK ONLY. A STANDARD FOR SHIPS & AIRCRAFT.

Ratios, by weight:	100/10	Also excellent for architectural and industrial. Heavy-duty
Shore A Hardness:	40-45	applications requiring polysulfides with superior ADHESIVE
Elongation:	300-400 %	properties.
Tensile Strength:	245 PSI	Work life: 3-4 hours. Cure: 24 hours.

Characteristics: Best combination of ADHESION AND TOUGHNESS with high ELONGATION.

ABOWELD 8104-12 POLYSULFIDE-EPOXY. 2 PARTS. 100 % SOLIDS. LIQUID OR FILLED. AVAILABLE IN MANY COLORS.

Ratios, by weight:	2/1	Often used with sand and gravel to mix grouts for filling and
Shore A Hardness:	57-60	resurfacing.
Elongation:	150-200 %	Work life: 1 hour. Cure: 1-3 days.
Tensile Strength:	200-220 PSI	

Characteristics: Primarily for strong adhesion on floors with heavy traffic.

ABOWELD 8104-13 POLYSULFIDE-EPOXY. 2 PARTS. 100 % SOLIDS. LIQUID OR FILLED. AVAILABLE IN MANY COLORS.

Ratios, by weight:	1/1	High hardness and rigidity; very low elongation.
Shore A Hardness:	70	Often used with sand, other fillers and pigments
Elongation:	25-30 %	for patching, bonding, filling holes, etc..
Tensile Strength	2750 PSI	Work life: 20 minutes. Cure: 1-3 days

Characteristics: Mainly used as a resurfacing coating, adhesive and filler.

ABOSEAL 8104-14 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC. BLACK ONLY.

Ratios, by weight:	100/10	Unsurpassed for expansion joints on floors and decks with
Shore A Hardness:	61	heavy traffic. A structural, heavy-duty standard for
Elongation:	620 %	architectural, industrial and marine applications.
Tensile Strength	505 PSI	

Characteristics: Highest combination of TOUGHNESS, ELONGATION and TENSILE strength.

ABOSEAL 8104-15 POLYSULFIDE. 2 PARTS. 100 % SOLIDS. THIXOTROPIC OR SELF LEVELLING. BROWN, BLACK or other DAARK COLORS.

Ratios, by weight:	100/10	
Shore A Hardness:	48-50	Recommended for expansion joints with very high dimensional
Elongation:	800 %	changes.
Tensile Strength	270 PSI	

Characteristics: Preferred to 8104-14 where ELONGATION and COLOR are more important.

ABOSEAL 8106-16 ACRYLIC-LATEX BASED. ONE PACKAGE. 80 % SOLIDS. MOST COLORS.

		Low odor. Bonds to a wide range of dry or wet materials
Lbs/ Gallon:	12.65	without primer. Quick drying. Paintable within 30 minutes.
Shore A Hardness:	40	Stable over one year. Excellent gunnability, retention of
Elongation:	1000 %	adhesion, flexibility and color after many years. No sag on
Tensile Strength:	16 PSI	vertical surfaces.
Semco Extrusion Rate:	73 gms/minutes	

Characteristics: Best combination of ease, performance, economy and versatility.

ABOSEAL 8104-17 ACRYLIC-LATEX BASED. ONE PACKAGE. 80 % SOLIDS. MOST COLORS. HIGH DENSITY.

Lbs/ Gallon:	13.10	Same as 8104-16 for low-odor, adhesion, quick drying and
Shore A Hardness:	36	paintability, stability, retention of properties as no sag, but not
Elongation:	970 %	as heavy-duty. Slightly lower in price.
Tensile Strength:	7 PSI	As easy to use as 8104-16 and 8104-18.
Semco Extrusion Rate:	54 gms/ minutes	

ABOSEAL 8104-18 VINYL-ACRYLIC-LATEX BASED. ONE PACKAGE. 81 % SOLIDS. LOWER COST. MOST COLORS.

Lbs/ Gallon:	11.1	Low odor. Bonds to many surfaces without primer. Quick
Shore A Hardness:	23	drying. Paintable after 30 minutes. No sag. Not quite as durable
Elongation:	1000 %	as 8104-16 and 8104-17, but it shows a light loss of adhesion
Tensile Strength:	4 PSI	only after 1600 hours.
Semco Extrusion Rate:	24 gms/ minutes	