

### SED-N-SET™ Hydraulic Cement

#### PRODUCT DESCRIPTION:

**SED-N-SET™ Hydraulic Cement** is a high-quality, non-shrinking cement product, developed specifically to plug and stop water leaks in concrete or masonry block walls and surfaces. Mixed with water, this compound can be made into a “plug” to stop water flow and leaks, even in standing water.

#### PURPOSE:

**SED-N-SET™ Hydraulic Cement** can be used to stop water flow in concrete walls and surfaces, especially in basements with cracks, crevices, and holes that may permit leaking. It can also be used to seal wall-to-floor joints. Especially durable after final set, this quick-setting cement is exceptional for anchoring bolts and metal fixtures, such as railings, rods, and pipes. **SED-N-SET™** is very versatile and can be used to stop leaks in concrete pipe, culverts, manholes, storm drains, and cisterns.

#### MEETS STRINGENT SPECIFICATIONS:

**SED-N-SET™ Hydraulic Cement** is designed and manufactured to meet all industrial, construction, and residential standards for practical application. Compressive strength tests and setting times have been established and verified in accordance with ASTM C-109 and ASTM C-266, respectively. When mixed properly, this compound can withstand over 2,000 lbs. of hydrostatic pressure, per square inch.

##### Compressive Strength Tests

1 hour.....	975 psi
24 hours.....	1870 psi
3 days.....	2950 psi
7 days.....	4355 psi
28 days.....	5910 psi

#### SURFACE PREPARATION:

Undercut the hole to be patched as much as possible. Cracks should be opened with a hammer and chisel, to allow a minimum depth and width of ¾". Rough up exposed area with a wire brush and flush well with water to ensure a clean bonding surface. The crack (the area to be patched) must be filled completely to prevent leakage; merely brushing cement over the crack surface WILL NOT provide adequate sealing. For most efficient usage, keep your material and water at 70° (Fahrenheit).

#### MIXING & APPLICATION:

Use a small amount of **SED-N-SET™** mix in a shallow mixing container and add a sufficient amount of water to bring material to a creamy consistency. Use a stiff brush to apply mixture into the prepared opening(s) to seal all pores and voids. After sealing the side walls of the crack, add a sufficient amount of cement to obtain a thick, putty-like consistency (by using no more than 30% water by volume). Use a trowel to apply mixture directly into cracks and press firmly to seal openings completely. Place all of your mixed material into cracks within a three (3) minute time frame, before initial set occurs. Once set, **SED-N-SET™** cannot be re-mixed or re-tempered. If actual water seepage or running water is present during application, hold **SED-N-SET™** *firmly* in place, using a trowel, block of wood, or by hand. If active water is not present, cure **SED-N-SET™** by spraying with water wherever it appears to be drying for about 30 minutes following the final set. About 15 minutes after final set, trim off excess material to obtain a smooth wall surface.

For setting ornamental iron fixtures, dowels, or anchor bolts, prepare the area (opening) to allow at least twice the diameter of the object to be set, to ensure maximum holding capabilities. Mix **SED-N-SET™** cement with water and mix to obtain a thick, putty-like consistency and form it into a “plug” to be pushed into the opening. DO NOT use too thin of a consistency, as it will weaken your material considerably. If your mix is too thick, it will be difficult to manipulate into the area you are working on. Press the piece to be set into the **SED-N-SET™**

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#### **MIXING & APPLICATION:** (continued)

mixture and tamp to dispense material evenly, thus eliminating any excess air pockets. Trim away any excess material. Set fixture to level and hold firmly in place until final set is obtained. Cure area by dampening with water as drying process occurs, or for a period of at least 30 minutes following the final set. **SED-N-SET™** will permit use within a half hour from time of final set.

#### **LIMITATIONS:**

Due to its purpose, **SET-N-SET™** will begin to harden almost immediately (less than two (2) minutes from time of mixing). **DO NOT** mix more material than can be placed in one patch. For best results, keep your mix and your water at 70° Fahrenheit. Keep the container lid closed tightly and store in a dry place to ensure maximum product life.

#### **CAUTION:**

This product contains silica and the use of an approved face mask, or goggles, and rubber gloves is strongly recommended when handling any dry powder or similar substance. Any freshly-mixed concrete, mortar, or grout may cause some sort of skin or eye irritation. If skin or eye contact occurs, flush the area with clear water repeatedly for as long as 30 minutes and contact a physician immediately. Note that due to chemical reactions, the temperature of the mix may increase to a slightly warm temperature. This reaction is normal and will cool when your plug or patch sets. **KEEP OUT OF REACH OF CHILDREN AT ALL TIMES!**

#### **TECHNICAL ASSISTANCE:**

If more information is required regarding the use of this product, please call BLACKTHORN, INC. at (800) 836-6113 or (937) 836-9296, or FAX your inquiries to (937) 836-9395.

### WARRANTY

BLACKTHORN, INC., in conjunction with SEDDON, will refund the price paid for this product OR choose to replace this product, at its own discretion, if it finds any such product to be defective. Such a refund or replacement will be honored **ONLY IF** it is determined that the product was used properly. With the exception of the above statements for refund or replacement, the company makes no claim or warranty of merchantability and no warranty of fitness for one particular purpose. We make no warranty, expressed or implied, of any nature whatsoever with respect to this specific product or the use thereof of this product by any illustration, or instructions, or limitations. In no event will the company be held liable for loss of use for any direct, special, or inconsequential damages incurred, or for any charges or expenses of any nature, without the specific written consent from this company, obtained prior to the use of this product. The statements made above comprise the fullest extent of any and all responsibility that this company will bear, for and in reference to this product, even if some oversight or negligence by the company has been ascertained.