

AQUASET

SMT-212

REVISED 1/16/24

PRODUCT DESCRIPTION & BENEFITS

AQUASET is a cold-mix pothole patch that is a permanent repair solution for asphalt and concrete applications. AQUASET is water-activated and uses a proprietary blend of organic additives that are environmentally friendly, safe, and non-toxic. AQUASET is free of solvents and VOC's. AQUASET is traffic-ready immediately after compaction. AQUASET produces no hydrocarbon leaching or evaporation into the soil or atmosphere, and can be used in all types of weather-cold or warm, wet or dry. AQUASET can be sealcoated after a one hour cure.

USES

AQUASET is ideal for making rapid permanent repairs on roads, highways, parking lots, bridge decks, driveways, utility cuts and manhole repairs, tennis courts, walkways, and pathways. AQUASET repairs potholes in both asphalt and concrete pavements.

Gradation Analysis (% Passing)					
AQUASET with 4.0 mm Max. Aggregate Size:		AQUASET with 6.0 mm Max. Aggregate Size:		AQUASET with 9.0 mm Max. Aggregate Size:	
Sieve Sizes	% Passing	Sieve Sizes	% Passing	Sieve Sizes	% Passing
½" Sieve	100	½" Sieve	100	½" Sieve	100
3/8" Sieve	100	3/8" Sieve	100	3/8" Sieve	80-100
#4 Sieve	92-97	#4 Sieve	80-100	#4 Sieve	30-65
#8 Sieve	60-70	#8 Sieve	15-60	#8 Sieve	10-35
#16 Sieve	40-45	#16 Sieve	10-30	#16 Sieve	10-30
#200 Sieve	5-10	#200 Sieve	5-10	#200 Sieve	5-10

COVERAGE RATE

Approximately 5 square feet at 1" depth per 50 lbs.

SURFACE PREPARATION

Remove all loose material and standing water from area to be repaired. In freezing conditions, all ice must be removed from the area to be patched.

APPLICATION PROCEDURES

Fill pothole with AQUASET to a level approximately ½ inch above surface to allow for compaction. Spread evenly with rake or trowel. Prior to compacting, generously sprinkle AQUASET with water so that the water enters the structure and wets the material completely prior to compaction. Compact to a smooth finish with a hand-tamper, vibratory plate or roller. If the compacted material is below the level of the surrounding area, spread more AQUASET, pour more water and re-compact. NOTE- If the depth of the pothole is greater than 3", it is advisable to fill the

pothole in two layers as outlined above.

STORAGE AND HANDLING

- Each bucket contains approximately 50 lbs. (23 kg) of AQUASET. Store indoors in cool, dry conditions. Avoid direct sunlight and/or exposure to freezing.
- Avoid damage to buckets/containers.
- Bucket cannot be resealed for long-term use as humidity will cause material to harden prematurely. CLEAN UP: Use automotive hand cleaners on hands and arms, or vegetable oil based spreads may be used to gently remove material from facial areas.
- Tools may be cleaned with environmentally friendly degreaser or simple soap and water.

PACKAGING AND AVAILABILITY

AQUASET is available in 50 lb. pails and is supported by a national network of SealMaster Manufacturing and distribution locations as well as a national network of qualified applicators.

MATERIAL SPECIFICATIONS

AGGREGATE: AQUASET aggregate consists of crushed stone complying with the requirements of ATSM C-33.

BINDER: The AQUASET Binder consists of a proprietary blend of Bitumen and environmentally-friendly renewable raw materials.

Material Specifications	
Ash Content (asphalt & aggregate combined), %	80-87%
Asphalt Cutback, %	5-8%
Asphalt Residue of Cutback, %	70-80%

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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