



NON-EXPLOSIVE DEMOLITION AGENT

Technical and Mixing Information



Demolition Technologies, Inc
 107 Mildred Street
 PO Box 427
 Greenville, AL 36037
 800.282.4384
 334.382.7548
 demolitiontechnologies.com

TECHNICAL

HOLE DIAMETER		BLUE	GREEN	YELLOW
Inches		WATER AT 50° F	WATER AT 50° F	WATER AT 59° F
mm		CORE TEMP 59° - 95° F	CORE TEMP 50° - 77° F	CORE TEMP 41° - 59° F
2	50	12-36 HOURS INITIAL CRACK REACTION TIME*	12-36 HOURS INITIAL CRACK REACTION TIME*	24-72 HOURS
1 3/4	45			24-60 HOURS INITIAL CRACK REACTION TIME*
1 5/8	40			
1 1/2	38			

* The longer Bustar sets, the more it will crack and expand
 Note: The information in this chart is approximate and is for informational purposes only. The core temperature, water temperature, or ambient conditions may effect cracking time. The product will continue to work up to a 7-day time frame to reach an expansive stress of 7000T/m. Maximum spacing is 10 times the actual hole diameter. The depth of holes must be always deeper than the distance between holes. Minimum hole depth is 12 inches. In this case the distance between holes should be no more than 6 inches. Minimum recommended depth is 20 inches. Maximum recommended depth 19.5 feet. Maximum hole depth is 32.8 feet.

MIXING

Amount of BUSTAR	Amount of WATER	Mixing Time	How to Mix	Pouring Time	How to Pour
22 Pounds of Product	3 Liters	2 - 3 minutes	Pour cool, clean water into a clean bucket. Mix in 1 bag of Bustar. Several bags can be mixed at a time.	Within 5 minutes	The slurry is easy to pour. Fill holes to the rim.
55 pounds of Product	7.5 Liters				

YIELDS BY HOLE DIAMETER

Hole Diameter	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"
Linear Drill Feet per 22 pound unit	17	14.4	12.4	11	9
Linear Drill Feet per 55 pound unit	42.5	36	32	27.5	22.5