



NON-EXPLOSIVE DEMOLITION AGENT

Technical and Mixing Information



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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 |