



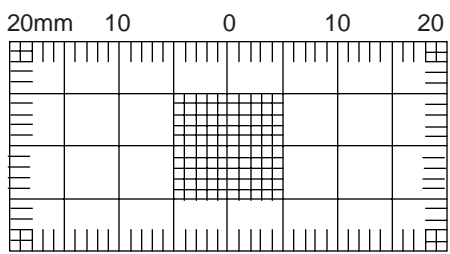
Tel: 1-800-244-7241  
Fax: 949-497-1991

# CRACK MONITOR PROGRESS SHEET

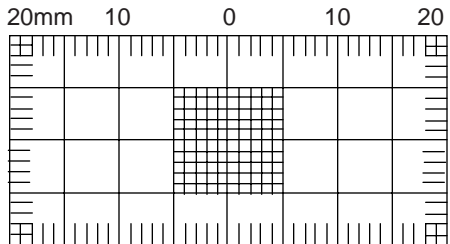
Project: \_\_\_\_\_

Location of Monitor: \_\_\_\_\_

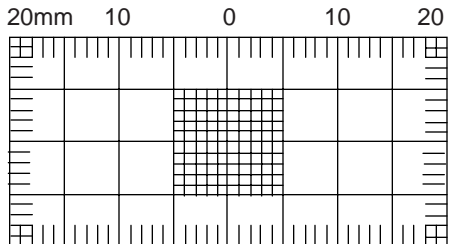
## Notes



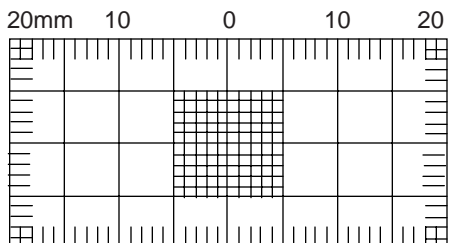
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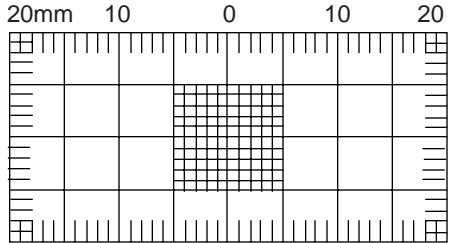
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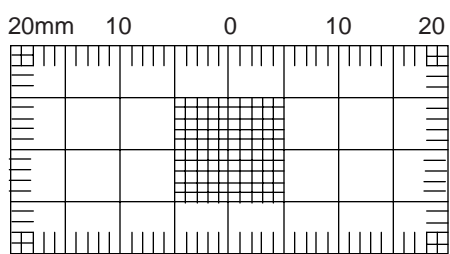
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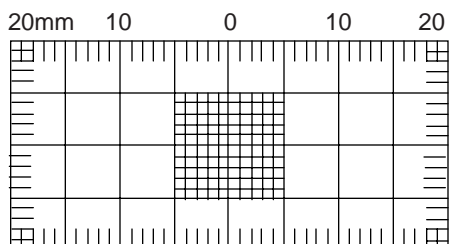
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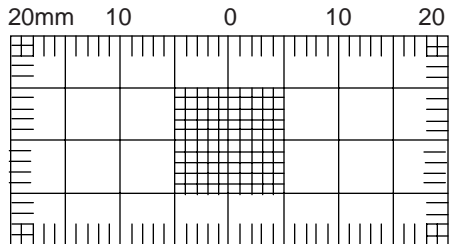
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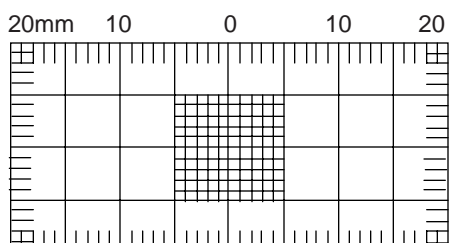
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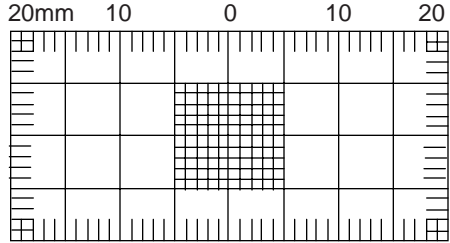
Date of Reading:



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Coeff. of Thermal Expansion  $3.80 \times 10^{-5}$  in/in/degree F ( $6.84 \times 10^{-5}$  mm/mm/degree C)

# Installation

Avongard Products, U.S.A., Ltd.

P.O. Box 7548, Santa Monica CA 90406-7548

TOLL-FREE ORDER LINE - (800) 244 - 7241

## Calibrated Crack Monitor Installation Instructions

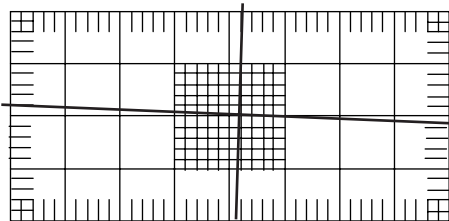
### ANCHORS & BOLTS/SCREWS

1. Place Monitor over crack and mark position for anchors.
2. Drill holes for anchors.
3. Attach monitor with bolts or screws, ensuring that red crosshairs center on grid.
4. Cut tape and remove from monitor.
5. Note location of monitor on crack progress sheet.

### EPOXY ADHESIVE

1. Wire brush concrete/masonry surface to remove debris.
2. Use 5-minute quick setting epoxy or epoxy putty.
3. Apply epoxy to back of both monitor plates, following directions on epoxy package.
4. Press monitor in place across crack.
5. Make sure red crosshairs are centered on grid. Adjust if necessary.
6. Use duct tape to hold gauge in place till epoxy cures.(24 hours minimum)
7. After epoxy cures, cut clear tape and remove from front of monitor.
8. Note location of monitor on crack progress sheet.

Sample grid from Crack Progress Sheet



## ABOWELD 8101-5 "5-Minute Epoxy System"

We now offer Abatron's construction grade epoxy in 1 ounce dual syringe packaging, which is sufficient to install up to 15 Crack Monitors.

As this thixotropic, gel-type adhesive hardens even at freezing temperatures, it is ideal for use in a wide range of environments. The epoxy provides high resistance to weather, water, salt spray, alkalis, diluted acid, several fuels, solvents, and other chemicals.

### CHARACTERISTICS

<u>Appearance:</u>	Translucent
<u>Viscosity:</u>	Vaseline-like
<u>Pot Life:</u>	5 Minutes
<u>Gel Time(0.05" thick):</u>	5 Minutes
<u>Hardness, Shore D</u>	
after 10 minutes:	13
after 30 minutes:	33
after 60 minutes:	60
after 24 hours:	74
<u>Water absorption</u>	
after 1 day:	0.8%
<u>Tensile Lap Shear</u>	
<u>Strength:</u>	2270 psi