

Member of the



# Vaughn concrete products, inc.

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www.vaughnconcreteproducts.com

Vaughn Concrete Products, Inc.  
certifies that (the design, manufacture, and installation of) this shelter complies with the National Storm Shelter Association (NSSA) Standard and the Certificate of Installation on file with the NSSA bearing  
 Serial Number \_\_\_\_\_

## VCP-SS-10020070-AG

### ABOVE GROUND PRECAST CONCRETE COMMUNITY STORM SHELTER 34 PERSON CAPACITY



THIS SHELTER IS ONLY AVAILABLE WITH LEFT SWING DOOR AS SHOWN ABOVE  
(SHELTER SHOWN WITH STANDARD GRAY CONCRETE FORM FINISH)



SHELTER SHOWN WITH OPTIONAL EXTERIOR BEIGE CONCRETE PAINT  
(SHELTERS SHOWN ABOVE SET DIRECTLY ON TOP OF THE GROUND)

### **CERTIFIED TO MEET ALL NSSA/ICC STANDARDS!**

**DOORS TESTED BY THE WIND SCIENCE & ENGINEERING RESEARCH CENTER AT TEXAS TECH UNIVERSITY!**

**FREESTANDING SHELTER! NO ANCHORING REQUIRED! WEIGHS NEARLY 77,000 LBS!**

**OUR COMMUNITY STORM SHELTERS ARE PERFECT FOR PROTECTING PEOPLE NEAR  
CITY PARKS ~ GOLF COURSES ~ OIL FIELD SITES ~ OPEN SPACE IN SUBDIVISIONS  
TRAILER PARKS ~ CAMPGROUNDS ~ OFFICE BUILDINGS ~ CHURCHES ~ SHOPS  
OR ANYWHERE THAT GROUPS OF PEOPLE MAY GATHER!**

### **STANDARD FEATURES INCLUDED WITH YOUR STORM SHELTER:**

- **INTERIOR WALLS & CEILING PAINTED WHITE**
- **STEEL DEFLECTOR PLATES MOUNTED OVER EACH VENT OPENING (GALVANIZED FOR MAXIMUM CORROSION PROTECTION)**
- **PLASTIC SUMP WITH DRAIN HOLE AND PLASTIC SUMP GRATE CAST IN THE CENTER OF THE FLOOR**
- **(2) BOLT-ON GALVANIZED STEEL FRAMES WITH 36" WIDE STEEL POWDER COATED DOORS INSTALLED AT YOUR SITE**
  - o DOORS WEIGH APPX. 260 LBS. EACH; BOLT-ON FRAMES & DOORS ARE REPLACEABLE
- **(2) HOCKEY PUCK STYLE PADLOCKS**
  - o USED TO RESTRICT ACCESS TO DOOR KEY MECHANISM
- **(2) DOOR LIFTER ESCAPE BARS (PAINTED RED)**
  - o DOORS ARE MOUNTED TO FRAME USING HINGES WITH BEARINGS & ARE REMOVABLE VIA THE DOOR LIFTER ESCAPE BARS; THE DOOR CAN BE LIFTED OFF THE FRAME'S HINGES ONLY WHEN THE DOOR LOCKING MECHANISMS ARE DISENGAGED, ALLOWING THEM TO FALL AWAY IN THE EVENT THAT THE DOOR'S SWING IS ONLY SLIGHTLY OBSTRUCTED

**SEE THE BACK OF THIS BROCHURE FOR ADDITIONAL INFORMATION!**

**CALL US TODAY TOLL FREE @ 1-877-827-8255!**

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## HOW MANY PEOPLE IS THIS SHELTER RECOMMENDED FOR?

- APPX. 34 PEOPLE (IF ALL FLOOR SPACE IS EMPTY)
  - o THE NSSA/ICC STANDARDS FOR TORNADO SHELTERS REQUIRES 5 SQUARE FEET OF USABLE FLOOR AREA/OCCUPANT

## WHAT ARE THE PHYSICAL DIMENSIONS OF THIS SHELTER?

- APPROXIMATE INSIDE DIMENSIONS: 10'-0" WIDE x 20'-0" LONG x 7'-0" TALL
- APPROXIMATE OUTSIDE DIMENSIONS: 11'-0" WIDE x 21'-0" LONG x 8'-4" TALL

## HOW MUCH DOES THIS SHELTER WEIGH?

- COMPLETE SHELTER WEIGHS APPX. 77,000 LBS
  - o EACH DOOR FRAME WEIGHS APPX. 111 LBS. EACH; EACH DOOR WEIGHS APPX. 260 LBS. EACH

## DOES THIS SHELTER NEED A CONCRETE PAD/SLAB?

- NO, JUST A LEVEL COMPACT SURFACE
- THIS SHELTER SUCCESSFULLY MET THE REQUIREMENTS OF NSSA/ICC STANDARDS WITHOUT ANY ANCHORING NECESSARY

## WHAT DO YOU NEED TO KNOW WHEN DETERMINING WHERE TO PUT YOUR COMMUNITY SHELTER?

- YOU NEED TO FIND OUT IF A BUILDING PERMIT IS REQUIRED TO INSTALL YOUR ABOVE GROUND STORM SHELTER
  - o IF SO, YOU NEED TO NOTIFY US IF A PERMIT IS REQUIRED WHEN ORDERING YOUR COMMUNITY STORM SHELTER
- MOST MUNICIPALITIES REQUIRE SHELTERS TO BE 3 FT. FROM PROPERTY LINES; **VERIFY YOUR DISTANCE REQUIRED**
- **DO NOT PLACE SHELTERS OVER UNDERGROUND UTILITY LINES OR UNDERNEATH HANGING UTILITY LINES**
- **DO NOT PLACE SHELTERS IN AREAS THAT MAY BE SUBJECT TO FLOODING**
- PUT IN A LOCATION THAT WILL BE QUICKLY & EASILY ACCESSIBLE
  - o YOU CAN EXCAVATE A HOLE FOR THIS SHELTER TO SET INTO, MAKING THE INSIDE FLOOR FLUSH WITH GROUND
  - o YOU CAN BUILD A RAMP TO MAKE WHEELCHAIR ACCESSIBLE IF THIS SHELTER IS SET ON TOP OF THE GROUND
    - **VCP DOES NOT OFFER THE EXCAVATED HOLE OR THE RAMP AS OPTIONS**
- WE CAN SCHEDULE A SITE VISIT TO YOUR LOCATION TO CONFIRM INSTALLATION REQUIREMENTS CAN BE SATISFIED

## WHY SHOULD YOU PURCHASE A PRECAST CONCRETE ABOVE GROUND STORM SHELTER FROM US?

- OUR SHELTER DESIGNS WERE EVALUATED BY AN INDEPENDENT, THIRD PARTY ENGINEER FOR CONFORMANCE TO ALL NSSA/ICC STANDARDS
- **PEACE OF MIND IN KNOWING THAT YOUR SHELTER IS MANUFACTURED USING HIGH STRENGTH MATERIALS**
- SHELTER IS DESIGNED FOR WIND SPEEDS OF 250 MPH WHICH ARE GREATER THAN THAT OF AN ENHANCED F-5 TORNADO
- **WHEN YOUR SHELTER IS INSTALLED, WE TAKE A GPS READING OF THE SHELTER LOCATION**
  - o **THE SHELTER LOCATION IS THEN FORWARDED ON TO THE NSSA AND ENTERED INTO THEIR DATABASE**
- **BY SPECIAL REQUEST, OUR SHELTER CAN BE USED AS A SAFE BY MODIFYING OUR DOOR FRAME BOLTS**
- **PRECAST CONCRETE SHELTERS HAVE LOW ELECTRICAL CONDUCTIVITY & NOISE RESONANCE**
- **MOST CELLULAR SERVICES ARE NOT SIGNIFICANTLY AFFECTED WHEN INSIDE A PRECAST CONCRETE SHELTER**
- **THIS SHELTER CAN BE MOVED/RELOCATED IN THE EVENT THAT SOMETHING AT YOUR SITE REQUIRED IT TO BE MOVED**

## WHERE CAN YOU FIND MORE INFORMATION?

- [www.fema.gov](http://www.fema.gov) FOR GENERAL STORM SHELTER INFORMATION
- [www.nssa.cc](http://www.nssa.cc) FOR THE NATIONAL STORM SHELTER ASSOCIATION (NSSA) STANDARD
- [www.wind.ttu.edu](http://www.wind.ttu.edu) FOR TESTING INFORMATION @ TX TECH UNIVERSITY'S WIND SCIENCE AND ENGINEERING RESEARCH CENTER
- [www.iccsafe.org](http://www.iccsafe.org) FOR INFORMATION REGARDING THE INTERNATIONAL CODE COUNCIL
- [www.vaughnconcreteproducts.com](http://www.vaughnconcreteproducts.com) FOR INFORMATION ABOUT US & ADDITIONAL INFORMATION ON OUR STORM SHELTERS

## **WE LOOK FORWARD TO ASSISTING YOU WITH YOUR STORM SHELTER NEEDS!**

~ALL INFORMATION ON THIS BROCHURE IS CORRECT TO THE BEST OF OUR KNOWLEDGE AT THIS TIME AND IS SUBJECT TO CHANGE WITHOUT NOTICE~  
~STORM SHELTER PURCHASE IS SUBJECT TO VCP'S STORM SHELTER TERMS & CONDITIONS~

**CALL US TODAY TOLL FREE @ 1-877-827-8255!**

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