

CHEMICAL AND HAZARDOUS MATERIAL STORAGE BUILDINGS



VERSABILT™
CHEMICAL

YOUR PARTNER IN SAFETY

The use and handling of hazardous materials is commonplace, even if few people want to think about chemicals and their use in our everyday lives. Those whose job it is to handle, mix and store these materials understand their importance and the role they play in helping make our lives, in many ways, and in many places, easier. At RedGuard, we have been designing modular solutions, centered around safety, since 1998. Blast-resistant buildings to protect people and equipment have been our focus since 2005. VersaBilt Chemical storage buildings make environmental compliance safe and easy for those looking for hazardous material storage solutions.

Many Options Available



Fire Suppression System



Interior Shelving



Explosion-Proof Air Conditioner

FM Approved, Fire Rated Wall And Roof; Intertek Tested

Fire rated storage buildings carry the Factory Mutual Approval label and have an FM approved fire rated wall and roof design. Wall and roof were tested at Intertek Testing Laboratories. Standard models are available with a 2-hour and 4-hour fire rating upgrade. Roof ratings may be upgraded to either 1.5 or 3 hours. Check with your local authority having jurisdiction for the correct wall/roof rating needed.

*Industry's first and only
FM approved fire rated
wall and roof design
tested at Intertek
Testing Laboratories*



Model #B200

Explosion Relief Panel

Model No.	Description
OXRP-200	1-48" x 60"
OXRP-400	1-48" x 60"
OXRP-600	1-24 x 60" & 1-48" x 60"
OXRP-900	1-24 x 60" & 1-48" x 60"
OXRP-1200	2-48" x 60"
OXRP-1600	2-48" x 60"
OXRP-2400	1-24 x 60" & 2-48" x 60"
OXRP-3200	3-48" x 60"
OXRP-4800	4-48" x 60"
OXRP-6400	5-48" x 60"
OXRP-8000	6-48" x 60"



HAZMAT CHEMICAL STORAGE

These buildings are specifically designed for outdoor storage and dispensing of flammable or combustible liquids. Outer wall is constructed of welded 16 or 12 gauge steel. Inner wall is constructed of 20 gauge steel. Outdoor storage buildings are engineered with 3" airspace throughout and come standard with a commercial grade lockset.

Compliance Standards

All models are designed in accordance with the standards set forth by NFPA Code 30 and comply with OSHA and EPA regulations. All models are FM approved for storing and dispensing of flammable and combustible liquids.



Model #B1200

Natural Convection Air Vents

OSHA, FM 6049, IBC

Explosion Relief Panel(s)

IBC, FM, NFPA

Static Ground Connection Inside and Out

FM, OSHA, NFPA

Forklift Channels with Anchoring Brackets

EPA, to lift off ground & allow for visual inspection of sump area, IBC

Heavy Gauge Aluminum Threshold

Chemical/Corrosive/Ultraviolet Resistant Paint

NFPA 704 Warning Label for Hazard Rating System with Placard Holder and Protective Shield

FM, OSHA, NFPA

Removable Galvanized Steel Safety Floor Planking

250 lb FM Requirement
OSHA 1910, IBC

Leak-tight, Continuously Welded Sump Meets EPA and Osha Requirements for Secondary Containment

EPA, NFPA, OSHA, FM, IBC

Reflective Warning Tape Marking Entry

OSHA, IBC

Lockers/Buildings For Storing 55-Gallon Drums- Outdoor & Indoor Applications

						FIRE RATING UPGRADE			
Non-Rated						Two-Hour Fire Rating		Four-Hour Fire Rating	
Model No.	Test lab Approv.	Sump Capacity To Hold	Sump Capacity	Exterior Dim. HxWxD	Approx. Ship Wt.	Model No.	Approx. Ship Wt.	Model No.	Approx. Ship Wt.
B200	FM**	2 55-Gal. Drums	55-Gal.	7' x 5' x 3'6"	1,281 lbs.	OPFR2-200	1,298 lbs	OPFR4-200	1,722 lbs
B400	FM**	4 55-Gal. Drums	68	7' x 5' x 5'	1,748	OPFR2-400	1,363	OPFR4-400	1,878
B600	FM**	6 55-Gal. Drums	102	8'4" x 7' x 5'	2,061	OPFR2-600	2,239	OPFR4-600	2,973
B900	FM**	9 55-Gal. Drums	154	8'4" x 7' x 7'	2,567	OPFR2-900	2,712	OPFR4-900	3,604
B1200	FM**	12 55-Gal. Drums	206	8'4" x 7' x 9'	3,200	OPFR2-1200	3,059	OPFR4-1200	4,108
*B1600	FM**	16 55-Gal. Drums	272	8'4" x 10' x 8'	5,515	OPFR2-1600	3,253	OPFR4-1600	3,869
*B2400	FM**	24 55-Gal. Drums	393	8'4" x 14' x 8'	6,994	OPFR2-2400	3,600	OPFR4-2400	5,107
*B3200	FM**	32 55-Gal. Drums	514	8'4" x 18' x 8'	8,652	OPFR2-3200	4,356	OPFR4-3200	6,194
*B4800	FM**	48 55-Gal. Drums	757	8'4" x 26' x 8'	9,963	OPFR2-4800	7,823	OPFR4-4800	10,322
*B6400	FM**	64 55-Gal. Drums	1,000	8'4" x 34' x 8'	12,851	OPFR2-6400	9,616	OPFR4-6400	12,777
*B8000	FM**	80 55-Gal. Drums	1,243	8'4" x 42' x 8'	15,369	OPFR2-8000	11,737	OPFR4-8000	15,537

*Sizes 1600 and larger are constructed of 12-gauge Galvannealed Steel

LARGEST STANDARD UNIT

- 42' L x 8' D Open Plan
- Many other sizes available
- Separation walls available

STEEL EXTERIOR WALL/ROOF

- Constructed of rugged 12 or 16 gauge galvanized steel

SMALLEST STANDARD UNIT

- 5' L x 3'6" D

VARIABLE DEPTHS

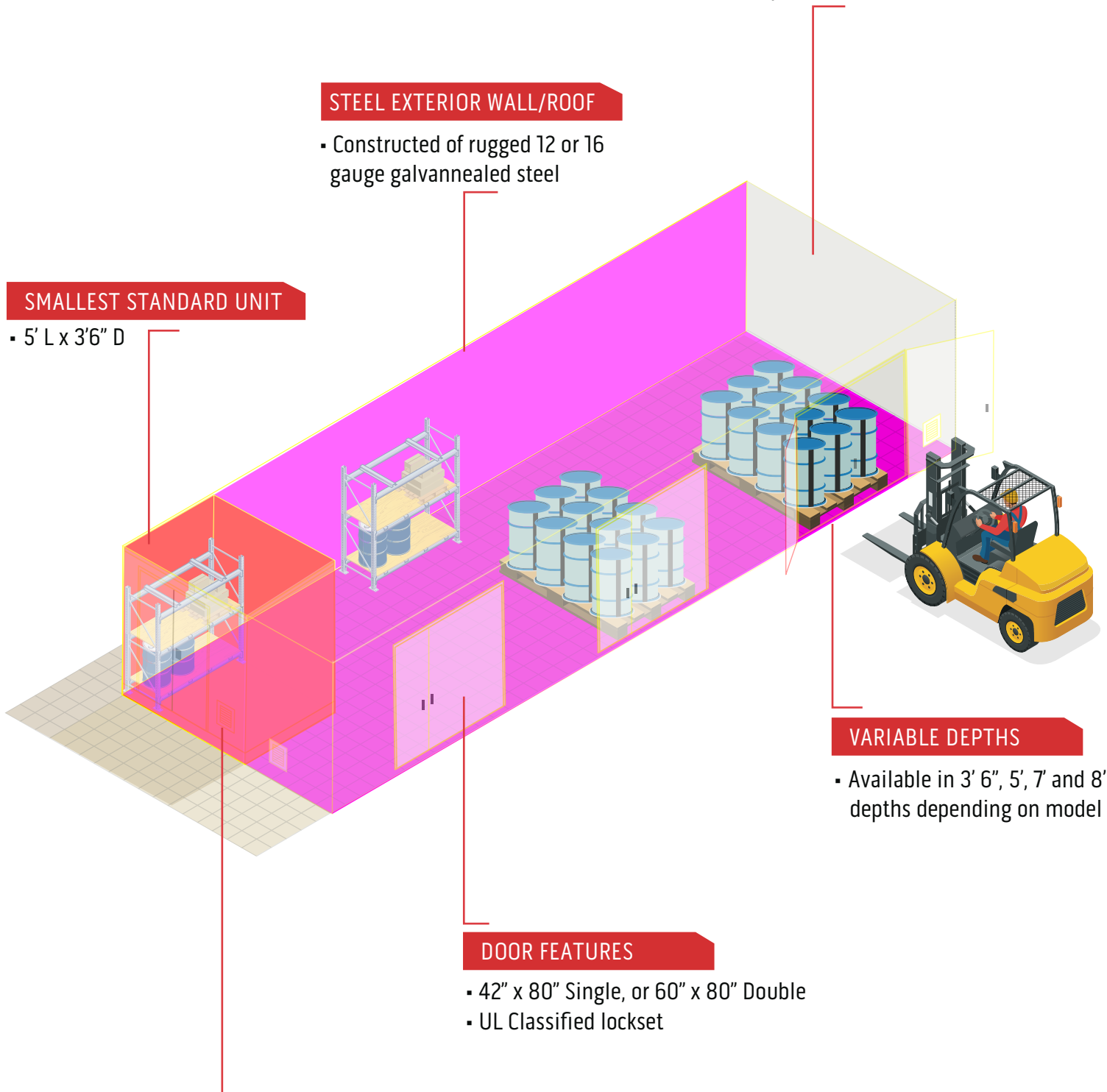
- Available in 3' 6", 5', 7' and 8' depths depending on model

DOOR FEATURES

- 42" x 80" Single, or 60" x 80" Double
- UL Classified lockset

SECONDARY CONTAINMENT SUMP

- Liquid tight, continuously welded
- Sized per code requirements



AGRICULTURAL CHEMICAL STORAGE

RedGuard offers VersaBilt Chemical Storage buildings specifically designed for the proper storage of agricultural chemicals and equipment. These specialty buildings are designed for the compliant mixing and handling of pesticides, herbicides, and other turf chemicals. That makes them ideal for golf courses, nurseries, universities, or other commercial operations that use large quantities of agricultural chemicals.

Other Industrial Uses

Because these buildings are designed to secure environmental hazards like pesticides, they can also be entrusted to safely contain paints, oils, fuels, lubricants, or other industrial chemicals. Safe storage of these hazards reduces the risk of poisoning and injury among handlers, employees, or others in the location. It also protects against chemical spills, animal poisonings or product loss due to theft, fire, and unauthorized personnel.



Model #AG1200

Natural Convection Air Vents
OSHA, FM 6049, IBC

R11 Fiberglass Insulation in Ceiling and Walls
IBC

Vapor-resistant Exterior Light with Photocell
UL, OSHA, IBC

Forklift Channels with Anchoring Brackets
EPA, to lift off ground & allow for visual inspection of sump area, IBC

Chemical/Corrosive/Ultraviolet Resistant Paint

Dust-proof, Fluorescent Interior Light with Weatherproof Switch
UL, OSHA, IBC

Removable Galvanized Steel Safety Floor Planking
250 lb FM Requirement
OSHA 1910, IBC

Leak-tight, Continuously Welded Sump Meets EPA and Osha Requirements for Secondary Containment
EPA, NFPA, OSHA, FM, IBC

Reflective Warning Tape Marking Entry
OSHA, 1910, IBC

Heavy Gauge Aluminum Threshold
IBC

Lockers/Buildings For Storing 55-Gallon Drums- Outdoor & Indoor Applications

						FIRE RATING UPGRADE			
Non-Rated						Two-Hour Fire Rating	Four-Hour Fire Rating		
Model No.	Test Lab Approv.	Capacity	Sump Capacity	Exterior Dim. HxWxD	Approx. Ship Wt.	Model No.	Approx. Ship Wt.	Model No.	Approx. Ship Wt.
AG200	FM**	68.4 Cubic Feet	55-Gal.	7' x 5' x 3'6"	1,499 lbs.	OPFR2-200	1,298 lbs	OPFR4-200	1,722 lbs
AG400	FM**	145.1 Cubic Feet	68	7' x 5' x 5'	1,891	OPFR2-400	1,363	OPFR4-400	1,878
AG600	FM**	211.4 Cubic Feet	102	8'4" x 7' x 5'	2,331	OPFR2-600	2,239	OPFR4-600	2,973
AG900	FM**	308.1 Cubic Feet	154	8'4" x 7' x 7'	2,937	OPFR2-900	2,712	OPFR4-900	3,604
AG1200	FM**	404.7 Cubic Feet	206	8'4" x 7' x 9'	3,638	OPFR2-1200	3,059	OPFR4-1200	4,108
*AG1600	FM**	524.1 Cubic Feet	272	8'4" x 10' x 8'	5,226	OPFR2-1600	3,253	OPFR4-1600	3,869
*AG2400	FM**	747.7 Cubic Feet	393	8'4" x 14' x 8'	6,443	OPFR2-2400	3,600	OPFR4-2400	5,107
*AG3200	FM**	971.3 Cubic Feet	514	8'4" x 18' x 8'	8,030	OPFR2-3200	4,356	OPFR4-3200	6,194
*AG4800	FM**	1,418.5 Cubic Feet	757	8'4" x 26' x 8'	10,566	OPFR2-4800	7,823	OPFR4-4800	10,322
*AG6400	FM**	1,865.7 Cubic Feet	1,000	8'4" x 34' x 8'	13,584	OPFR2-6400	9,616	OPFR4-6400	12,777
*AG8000	FM**	2,313 Cubic Feet	1,243	8'4" x 42' x 8'	15,301	OPFR2-8000	11,737	OPFR4-8000	15,537

*Sizes 1600 and larger are constructed of 12-gauge Galvannealed Steel

CHEMICAL AND HAZARDOUS MATERIAL STORAGE BUILDINGS

If your business stores, accumulates or dispenses hazardous chemicals, you must make sure you properly control them. Environmental compliance is easy with these safe, code compliant modular hazmat buildings - VersaBilt Chemical Storage Buildings. Let the leader in modular safe space help you protect the environment while you prevent high liability accidents. Available in a wide range of sizes to suit the needs of your worksite.

Three Levels of Protection:

Depending on the location and application of your chemical storage building, RedGuard offers three levels of fire protection and endless accessories, like explosion-proof electrical accessories, ramps and shelving. All models are available with damage limiting construction, if required.

Non-Combustible Steel

Rugged steel non-combustible construction for storage applications separated from other occupied structures.

2-Hour Fire Rating

2-hour fire rating to ensure internal fires are contained.

4-Hour Fire Rating

4-hour bidirectional fire rating for the most critical applications.

Standard Features:

Containment sump, 60-inch double doors, ventilation, corrosion resistant epoxy paint, explosion proof interior electrical.

A Wide Range of Sizes

With the numerous sizing options available, there are hundreds of sizing possibilities. Available in various depths and lengths up to 42 feet.

RedGuard builds modular solutions that protect lives and assets. It is the leading supplier of blast-resistant buildings and modular safe spaces. RedGuard's other innovative divisions and product lines specialize in modular safe structures, most with threat mitigation. The company is dedicated to five key disciplines: concept, design, build, installation and operation. Its success across these areas of expertise has led some of the world's largest organizations to trust their employees' lives to RedGuard products.

CONTACT US

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OUR NORTH AMERICAN FOOTPRINT

CENTRAL U.S.A

Wichita, KS
Kansas City, KS
Oklahoma City, OK

SOUTHERN U.S.A

Houston, TX
Dallas, TX
Austin, TX

GULF COAST U.S.A

Baytown, TX
New Iberia, LA
Belle Chasse, LA

EASTERN U.S.A

Thomasville, GA
Greenville, SC
Toledo, OH

WESTERN U.S.A

Bakersfield, CA
Ferndale, WA
Anchorage, AK

CANADA

Calgary, Alberta
Sarnia, Ontario

