

**C-RING™ SECONDARY  
CONTAINMENT SYSTEM**

**WESTEEL**



# A DRAMATIC STEP FORWARD OVER TRADITIONAL SECONDARY CONTAINMENT SYSTEMS

Westeel's C-Ring™ Secondary Containment Systems are precision engineered using the latest in computerized design and production technology. For dependability and durability, all systems are made with high strength (50-ksi) steel and have extra heavy duty G115 galvanizing, meeting the stringent requirements of ISO 9001.

## MORE ECONOMICAL

Less expensive to install, less costly to maintain and much more durable than concrete or earthen containment systems, C-Ring™ is the clear choice when short and long term value is important.

## EASIER TO INSTALL

Simple modular design bolts together easily and requires less time to install than traditional containment systems.

## EXCEEDS ALL ENVIRONMENTAL GUIDELINES

Professionally engineered to exceed today's strict environmental guidelines and regulations (meets G55 environmental code), C-Ring™ delivers your best long term insurance against primary containment leaks or failure.

## EXPANDABLE DESIGN

Modular design permits C-Ring™ to be enlarged or contracted after initial installation, allowing size to be adjusted as capacity is added or subtracted from a storage site.

## MORE DEPENDABLE

Virtually maintenance free, C-Ring™ won't wash away like earthen berms or crack, like concrete containment systems when exposed to repeated thawing and freezing.

## MORE DURABLE

Heavy duty G115 galvanized steel construction and superior quality components allow C-Ring™ to withstand the harshest environmental conditions and provide excellent corrosion resistance.

## COMPLETELY REUSABLE

C-Ring™ can be dismantled and moved from site to site – a significant cost advantage over permanent concrete and earthen containment systems.

*Note: The liner may not be reusable*

## MORE EFFICIENT USE OF SPACE

C-Ring™ requires less space than concrete or earthen containment systems, making it the right choice at space restricted sites where efficient use of land is a concern.

## EXTREMELY FLEXIBLE

C-Ring™ containment systems can be configured in round, oblong, square and rectangular patterns for both single and multiple tank sites. When our standard configurations do not suit your application, custom configurations are also available. Pony or separation walls within a containment cell can be added to separate tanks that may require different liner due to contents.

## MORE OPTIONS

C-Ring™ now offers you the option of zero ground disturbance mounting systems, as well as the original "easy-lock" heavy duty support posts. Concrete foundation mounting braces are also available.

## ZERO GROUND DISTURBANCE SYSTEM

Featuring a completely augerless design, the Westeel Zero Ground Disturbance Secondary Containment System uses exterior above-ground braces that are attached to the walls. Because the system requires no auger to drill post holes, Zero Ground is perfect for installation at remote sites and on frozen ground.



## Feature For Feature, C-Ring™ Represents Your Best Value In Secondary Containment

### A. SHEETS MANUFACTURED WITH COMPUTER ASSISTANCE

Less expensive to install, less costly to maintain and much more durable than concrete or earthen containment systems, C-Ring™ is the clear choice when short and long term value is important.

### HEAVY GAUGE G115 GALVANIZED STEEL CONSTRUCTION (HIGH STRENGTH 50-KSI)

- Corrugated for lateral strength
- Highest grade of galvanizing in the industry
- Flanged at top of sheet for added safety and strength
- Longer product life and durability

### AVAILABLE IN FOUR WALL HEIGHTS, TWO PANEL LENGTHS AND TWO GAUGES

- Available in 22", 33", 44" and 57" heights,
- 112.5" and 56.25" bolted panel lengths, and 10, 13 and 15 gauge high strength steel
- Higher wall heights allows C-Ring™ to accommodate sites with tight space restrictions

### B. HEAVY DUTY SUPPORT POSTS

- Support posts with easy-lock mounting clips are easy to install and allow for vertical movement due to frost
- Concrete foundation mounting braces
- Galvanized steel construction
- Posts provide added support and strength to the containment ring structure
- Galvanized steel construction Posts or zero ground disturbance pads and braces, are required for all straight wall systems and round installations spanning more than 78' in diameter

### C. BOLTED PANELS

- Easy to install and dismantle
- Easy to change layout and/or enlarge
- Easy access for maintenance
- Adapts to any size installation

### ECONOMICAL TO TRANSPORT

- C-Ring™'s modular design allows for easy and affordable global shipping anywhere

### D. MULTIPLE CONFIGURATIONS

- Possible configurations include round, square, oblong and rectangle
- Flexible enough to fit any site
- Wide variety of diameters available
- Custom layouts available
- Pony or separation walls can be added

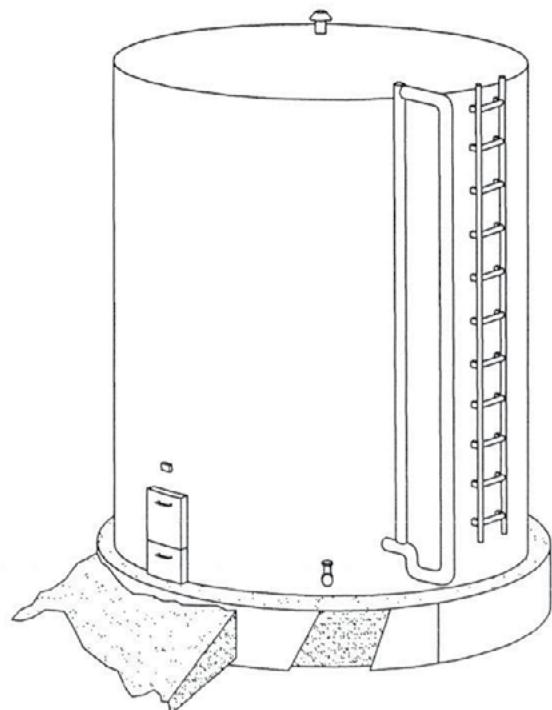
### E. CORNERS FOR RECTANGULAR AND SQUARE SYSTEMS

- 10 gauge galvanized corners match panel profile for positive sealing
- Corners are available in 90° or can be custom formed
- Hardware includes top cap for liner mounting



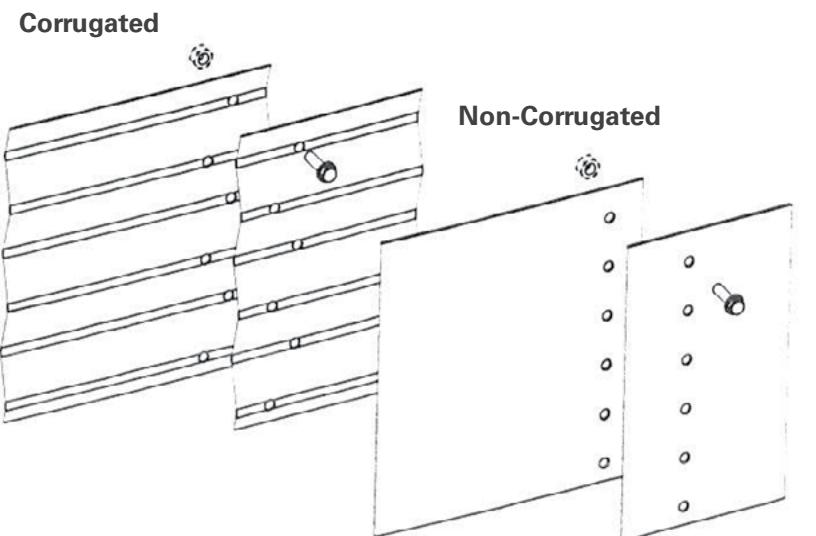


## TANK FOUNDATION RINGS



### MODULAR TANK FOUNDATION RINGS

- These 6' and 9' systems offer the same features as our full size C-Ring™, but have been specifically designed for wellheads
- The 15 gauge panels are 21.5" high and the system comes complete with hardware and sealing tape
- These galvanized tank rings available in varying heights are filled with gravel and keep the tanks above standing water thus increasing the life of the tank floor
- We can supply these rings in pre-curved corrugated pieces or flat curve on site pieces



### Optional equipment for added safety, flexibility and longevity

#### A. CROSS OVER LADDER

- Provides safe entrance and exit from containment system
- Heavy gauge steel construction, galvanized handrails, stringers and treads provide for extended life and durability

A



B



#### B. NEW CROSS OVER STAIRS

- Provides safe entrance and exit from containment system
- Models available to accommodate all heights of containment rings
- Heavy gauge steel construction, galvanized handrails, stringers and treads provide for extended life and durability
- Extension pieces are available to allow extra span clearance over piping and other instances where an increased span is required
- Exceeds OSHA requirements

#### C. CONCRETE SUPPORT BRACES

- Allow for surface mounting to existing or new concrete pads
- Comes complete with hardware

C



D



#### ROUND RING ANCHOR KITS

- Heavy duty anchors provide additional security for the C-Ring™ containment system in areas prone to high winds or external flooding

#### D. NEW CLEAN-OUT DOOR

- Permits regular cleaning and maintenance of crude oil tanks
- Engineered and tested for easy installation
- 18" opening for easy de-sanding

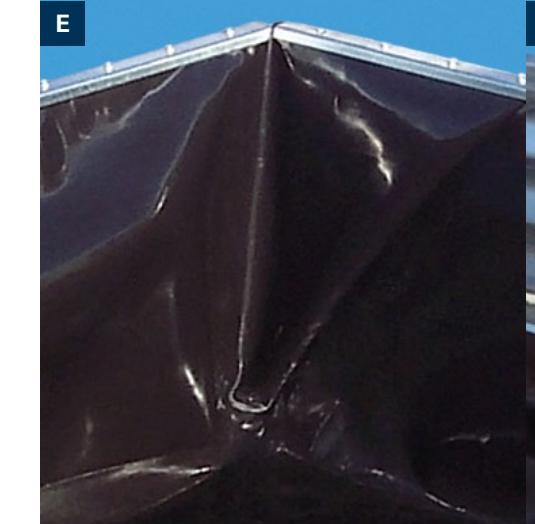
#### E & F. OPTIONAL LINER ATTACHMENT PACKAGES

- Top mount liner for use with liquid fertilizer or corrosive liquid applications
- Bottom mount liner for use with flammable liquids

#### POWDER COAT PAINT

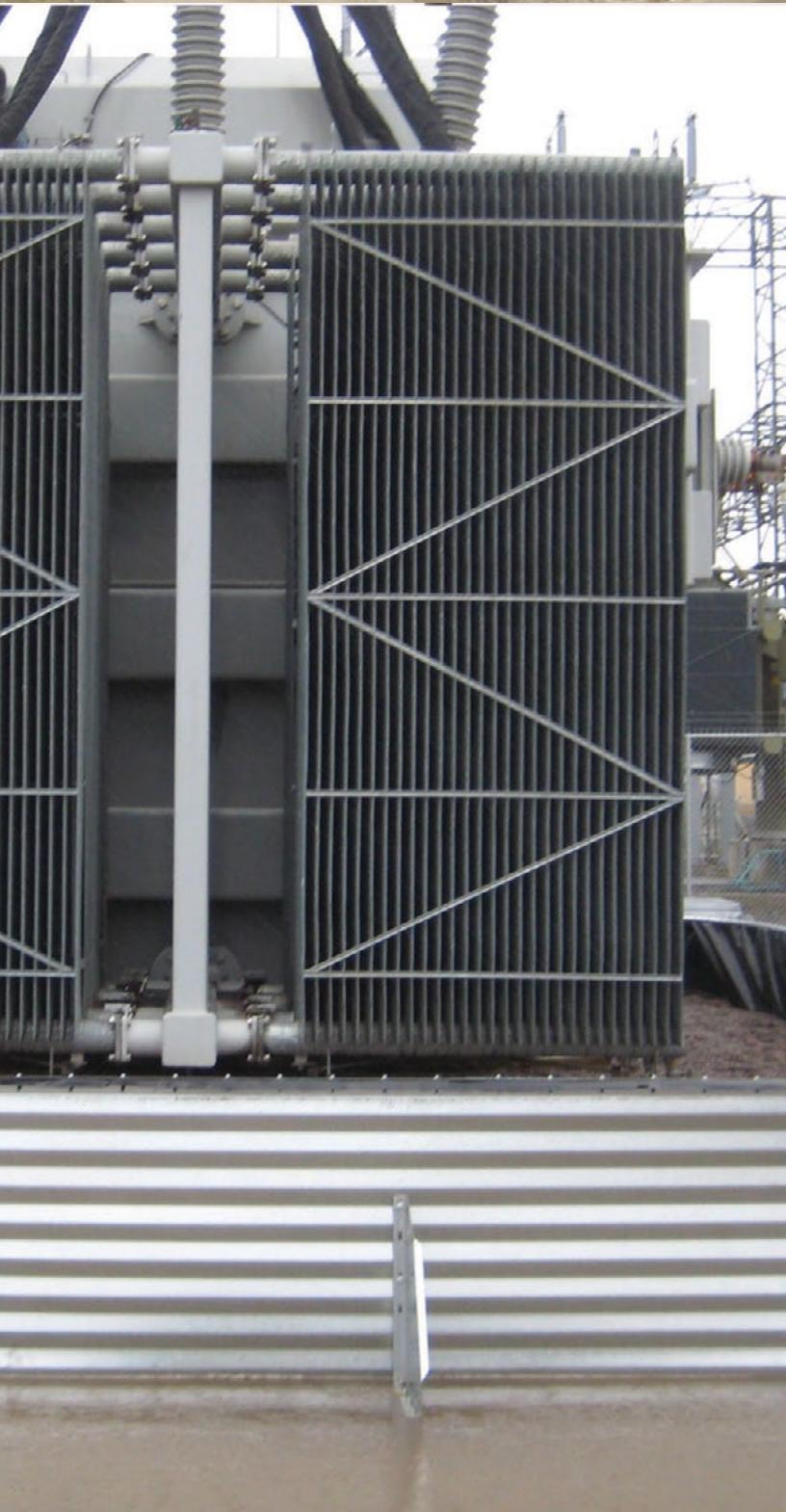
- We can powder coat paint the panels to match surroundings, corporate colors or comply with federal approved colors on State or Provincial lands

E



F





# QUALITY IN STEEL SINCE 1905

Westeel has offered quality steel storage solutions to multiple industries for over a century. Our comprehensive catalogue of products includes storage and containment solutions for the petroleum, water and industrial sectors as well as a wide range of on-farm and commercial grain handling and storage solutions for today's agriculture industry.

Consistent with Westeel policy of continued research and development of our products, we reserve the right to modify or change information contained in this publication without notice.



PRODUCTS MAY NOT APPEAR EXACTLY AS PICTURED

# WESTEEL

STORAGE SYSTEMS FOR THE WORLD'S  
MOST VALUABLE RESOURCES

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