

Spill Containment Curbs

1. PRODUCT NAME

Spill Containment Curbing



Limitations: High speed traffic of any type. Please contact ACO's Technical Services Department for recommendations.

Load Rating: Forklift traffic, vehicular traffic - at low speeds, if installed properly according to manufacturer installation instructions.

Harsh Chemicals: Contact ACO Polymer Products Inc. Technical Services Department to determine what is the best resin base (polyester or vinyl ester) for your application.

Composition and Materials:

ACO Spill Containment Curbing are made of high compressive strength polymer concrete.

Color: ACO Spill Containment Curbing are available in standard ACO polyester (light tan) and vinyl ester (gray) resin colors.

2. MANUFACTURER

ACO Polymer Products, Inc.
12080 Ravenna Road, P.O. Box 245
Chardon, Ohio 44024
Tel: (440) 285 - 7000
(800) 543 - 4764
Fax: (440) 285 - 7005

3. PRODUCT DESCRIPTION

Basic Uses:

ACO Spill Containment Curbing provides diking protection for hazardous spill problems covering wide areas.

Because polymer concrete (14,000 psi compressive strength) is three times stronger than conventional cement concrete and the containment curbing is designed with sloped profile, forklift trucks and other motor traffic can easily access storage areas without damaging the curbing.

4. TECHNICAL DATA

Dimensions / Weight:

Type I



Length: 39.37" (1000mm)
Width: 11.5"
Height: 2.375"
Weight: 54 lbs

Type II



Length: 39.37" (1000mm)
Width: 23.56"
Height: 4.0"
Weight: 170 lbs

5. INSTALLATION

1. Locate and install all trench drains and sub floor plumbing prior to setting spill curbing in place.
2. Spill curbs must be cleaned before installing. Use a diamond blade grinder or similar grinding tool to remove (1/32" - 1/16") excess material from the bottom surface and ends of the spill containment curbing. Make sure the bottom of the curbing and concrete floor is dry.
3. When curbs are set end to end, installation spacers help align curbs and leaves 3/16" gap for injection of adhesive*.

*Use a chemical resistant grout or two-part adhesive suitable for the application to set curbing in place and seal gaps. Use a minimum 1/8" thickness to seal bottom of curbing.

4. If necessary, use a carborundum or diamond circular saw to cut curbing to required size. Always wear appropriate protection to avoid breathing dust generated from sawing. Do not attempt to score and break curbing.
5. Finish installation by filling seams and smoothing as necessary. Fill any gaps or holes to ensure a secure and clean containment area.
6. Allow a minimum of 16 - 24 hours of curing before use.

ACO Specification Information



ACO ENVIRONMENT

Spill Containment Curbs

ACO Specification Information

6. AVAILABILITY & COST

ACO Spill Containment Curbing is available from ACO Polymer Products, Inc. Call toll-free at (800) 543-4764 for pricing and your closest distributor.

7. WARRANTY

Products manufactured by ACO Polymer Products, Inc. are produced to meet the highest quality standards of the pre-cast polymer concrete industry. ACO Polymer Products, Inc. warrants its products to be free of defects for 1 year from date of installation. Under this warranty, we will provide, at no charge, replacement materials for any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. This warranty is in lieu of any and all other warranties, expressed or implied, and in no case will ACO Polymer Products, Inc. be liable for incidental or consequential damages.

8. MAINTENANCE

ACO Spill Containment Curbing system should be periodically checked to ensure adhesive bond between adjacent curbs and flooring is intact.

9. TECHNICAL SERVICES

ACO Technical Service representatives are available to help you with CAD layouts, answer technical questions as well as provide installation guideline and engineering analysis.

For further information or assistance, please call our Technical Services Department at (800) 543-4764.

10. FILING SYSTEMS

ACO Systems Manual.

ACO Polymer Products, Inc.

East Sales Office
P.O. Box 245
Chardon, OH 44024
Tel: (440) 285-7000
Toll free: (800) 543-4764
Fax: (440) 285-7005

West Sales Office
P.O. Box 12067
Casa Grande, AZ 85230
Tel: (520) 421-9988
Toll Free: (888) 490-9552
Fax: (520) 421-9899

SPILL CONTAINMENT CAPACITIES

Type - I (2.3" high) curbs - Gallons contained

Feet	Gallons									
	5	10	15	20	25	30	35	40	45	50
5	36									
10	72	143								
15	108	215	323							
20	143	287	430	574						
25	179	358	538	717	896					
30	215	430	645	860	1075	1290				
35	251	502	753	1004	1255	1506	1756			
40	287	574	860	1147	1434	1721	2007	2294		
45	323	645	968	1290	1613	1936	2258	2581	2904	
50	358	717	1075	1434	1792	2151	2509	2868	3226	3585

Type - II (4.0" high) curbs - Gallon contained

Feet	Gallons									
	5	10	15	20	25	30	35	40	45	50
5	62									
10	125	249								
15	187	374	561							
20	249	499	748	997						
25	312	623	935	1247	1559					
30	374	748	1122	1496	1870	2244				
35	436	873	1309	1746	2182	2618	3055			
40	499	997	1496	1995	2494	2992	3491	3990		
45	561	1122	1683	2244	2805	3366	3928	4489	5050	
50	623	1247	1870	2494	3117	3741	4364	4987	5611	6234

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