



ULTRATECH
INTERNATIONAL, INC

Ultra-Hard Top P2 Plus

Product Data Sheet

Part#	9612 - No Drain. 9613 - With Drain.
Description	A polyethylene sump large enough to store and secure two 55-Gallon drums. In the event of a leak, fluid is contained in the sump preventing contamination to surrounding environment. Locking roll top door allows you to easily access drum when needed and secure them when not in use.
Dimensions In. (mm)	67¼ x 41¼ x 74 (1,708 x 1,047 x 1,677)
Load Capacity UDL lb.(kg) per sq. ft.	4,500 (2,041)
Sump Capacity gal (L)	66 (250)
Weight lb. (kg)	260.0 (118.0)
Forklift Access	2-Way
# per Pallet	1
Composition	100% polyethylene with UV inhibitors.
Color	Yellow / Gray
Capacity	Two (2) 55-gal. Steel or Poly Drum
Compliance	Spill Prevention, Control and Countermeasure Act (SPCC). 40 CFR 264.175





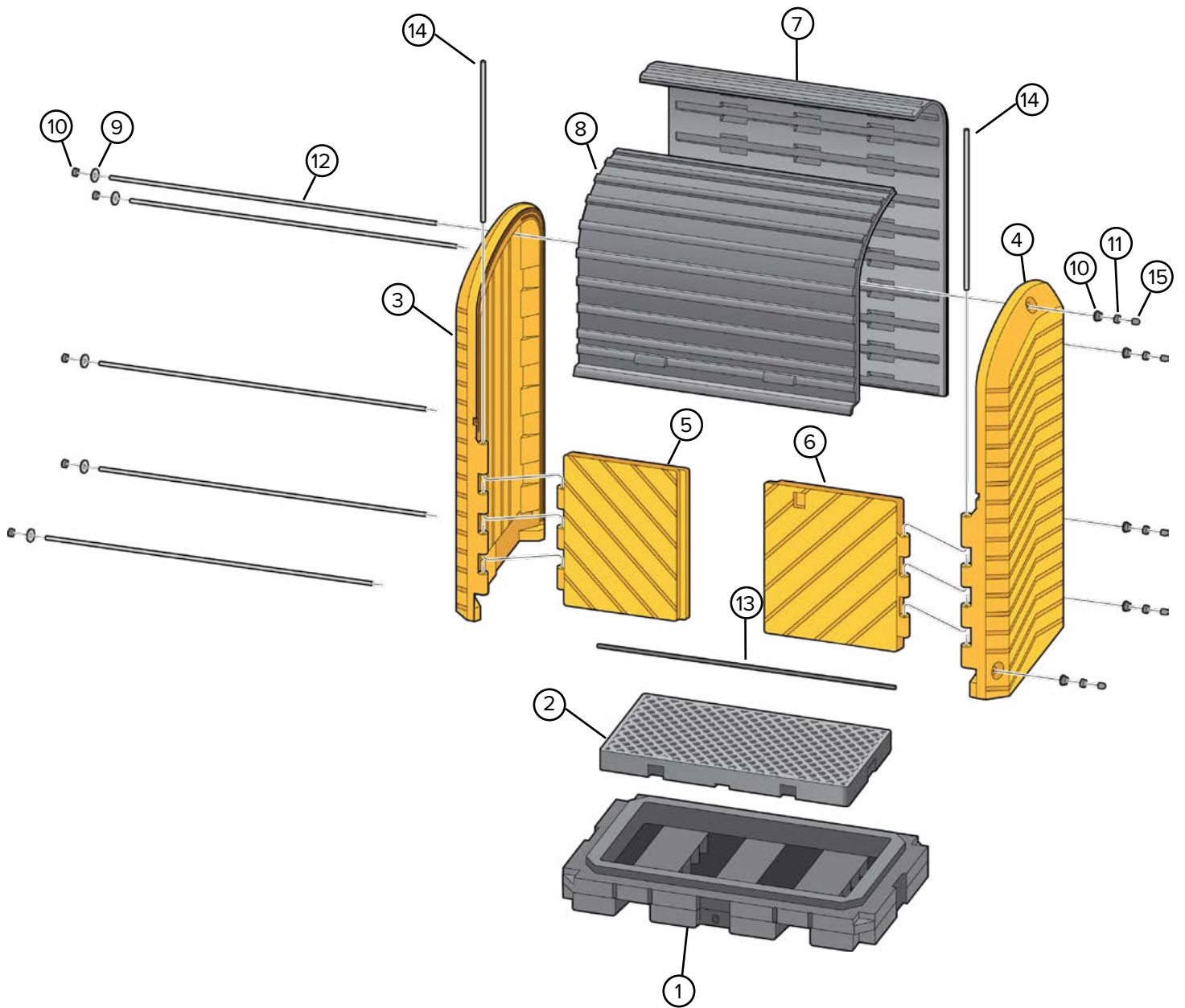
Assembly Instructions

Ultra-Hard Top P2 Plus

Part No. 9612 / 9613

Parts List

Diagram # (See next page)	Quantity	Description
1	1	2 Drum Heavy Duty Spill Pallet
2	1	4 ¼" x 26" x 52" Polyethylene Grate
3	1	Left Sidewall
4	1	Right Sidewall
5	1	Left Lower Door
6	1	Right Lower Door
7	1	Back Panel
8	1	Front Rolling Door
9	10	1. 5" O.D. Flat Washer
10	5	3/8"-16UNC Acorn Nut
11	5	3/8"-16UNC Nylon Lock Nut
12	5	3/8"-16UNC X 62 ¾" All Thread
13	1	3/8" I.D. Black Plastic Pipe x 57" Long
14	2	½" EMT Conduit X 29 7/8" Long
15	5	3/8" Black Plastic Thread Cap



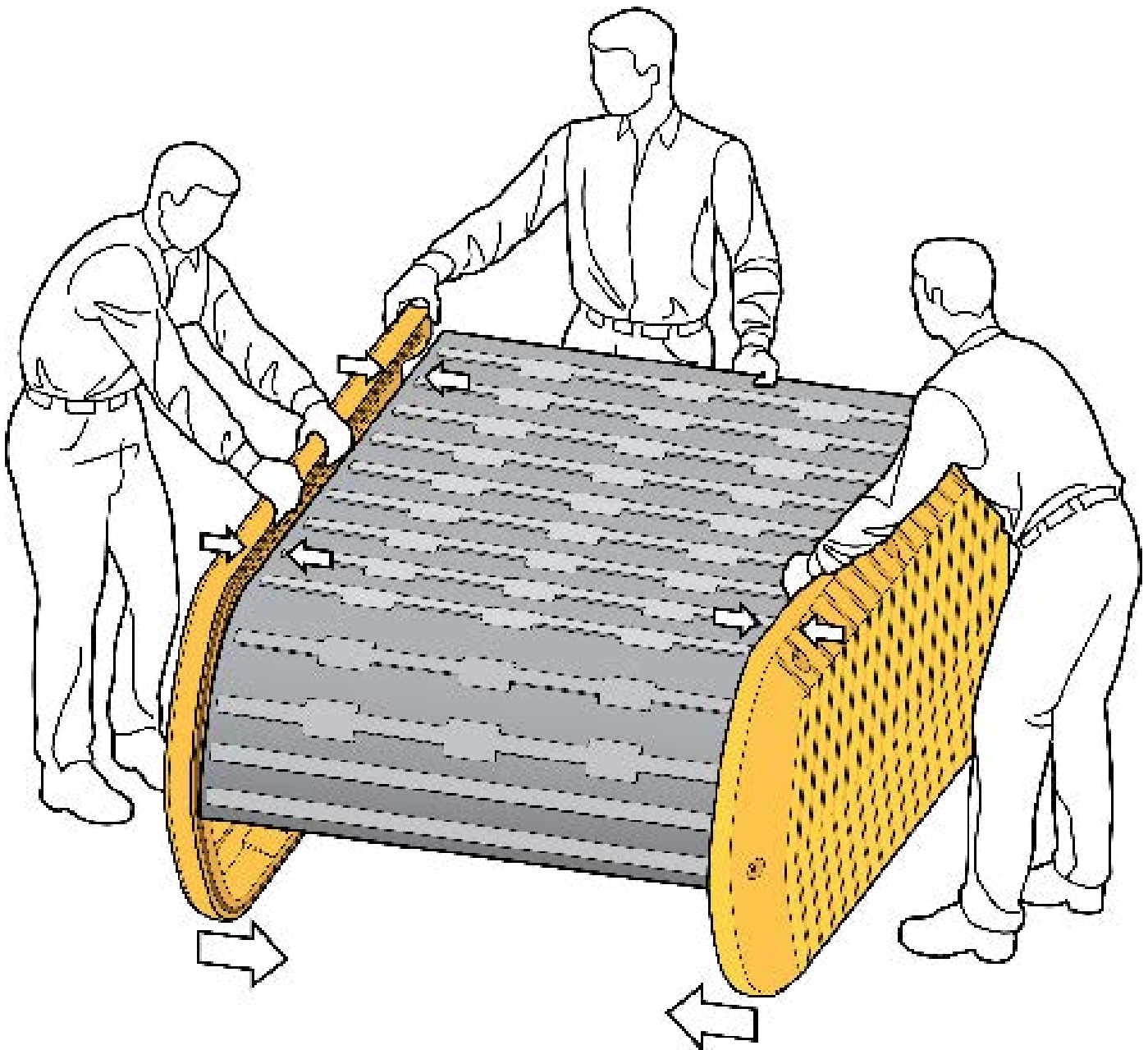
Assembly Instructions

Note: The installation of the back panel to the sidewalls will require 3 people.

Lay the left (3) and right (4) sidewalls on the floor with the hinges facing down.

Slide the back panel (7) in the channel at the bottom of the sidewalls.

Continue to slide the back panel up the channel until the last rib on the back panel aligns with the holes in the bottom of the sidewalls.



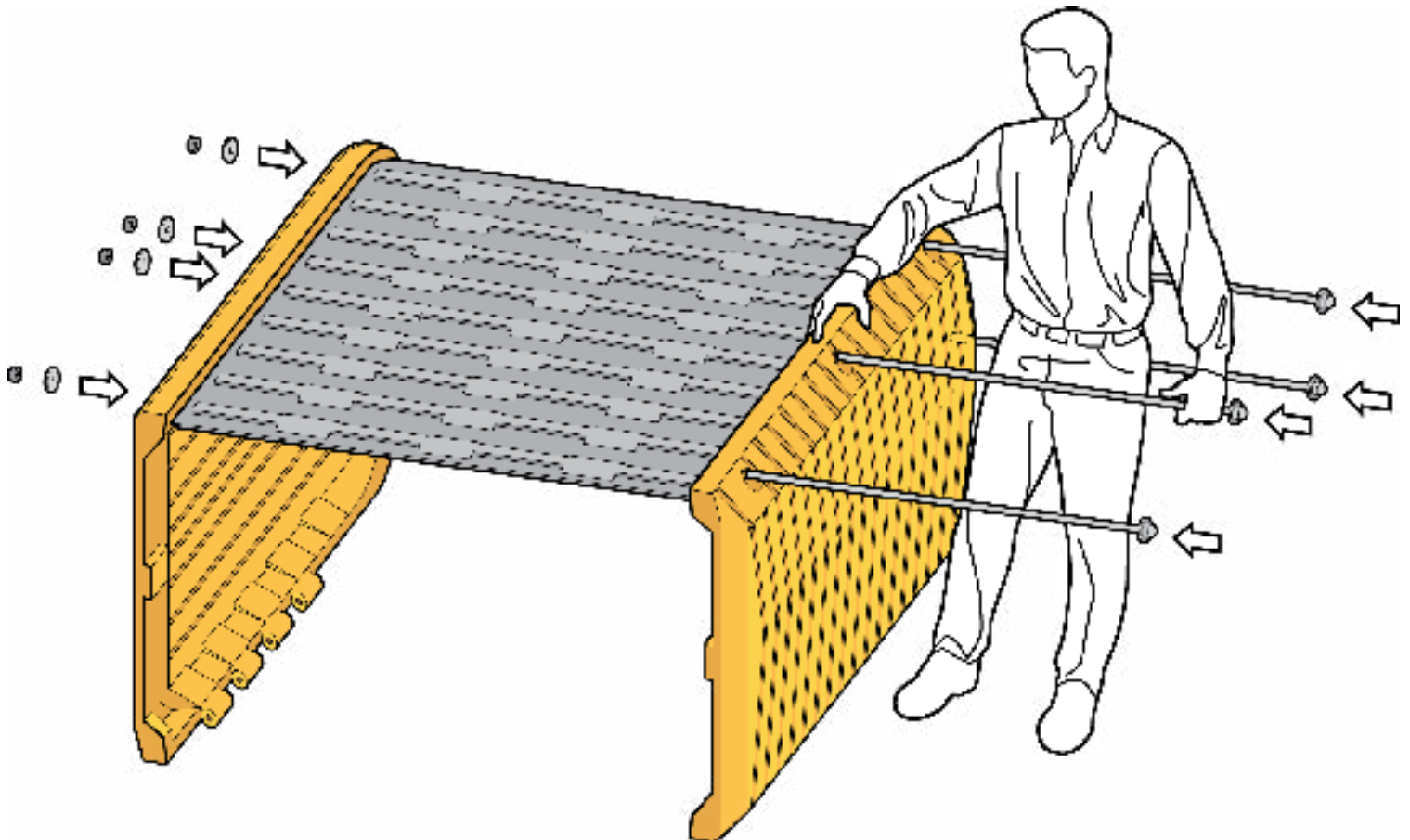
Note: The all thread rods (12) will have an acorn nut (10) installed at the factory with thread locker applied to the all thread rod and acorn nut.

Slide a 1 ½" flat washer (9) over the end of the rod. Slide the rod through the hole in the sidewall and the slotted hole in the rib. From underneath continue to slide the rod through the slotted hole in the rib and the hole in the sidewall on the opposite side.

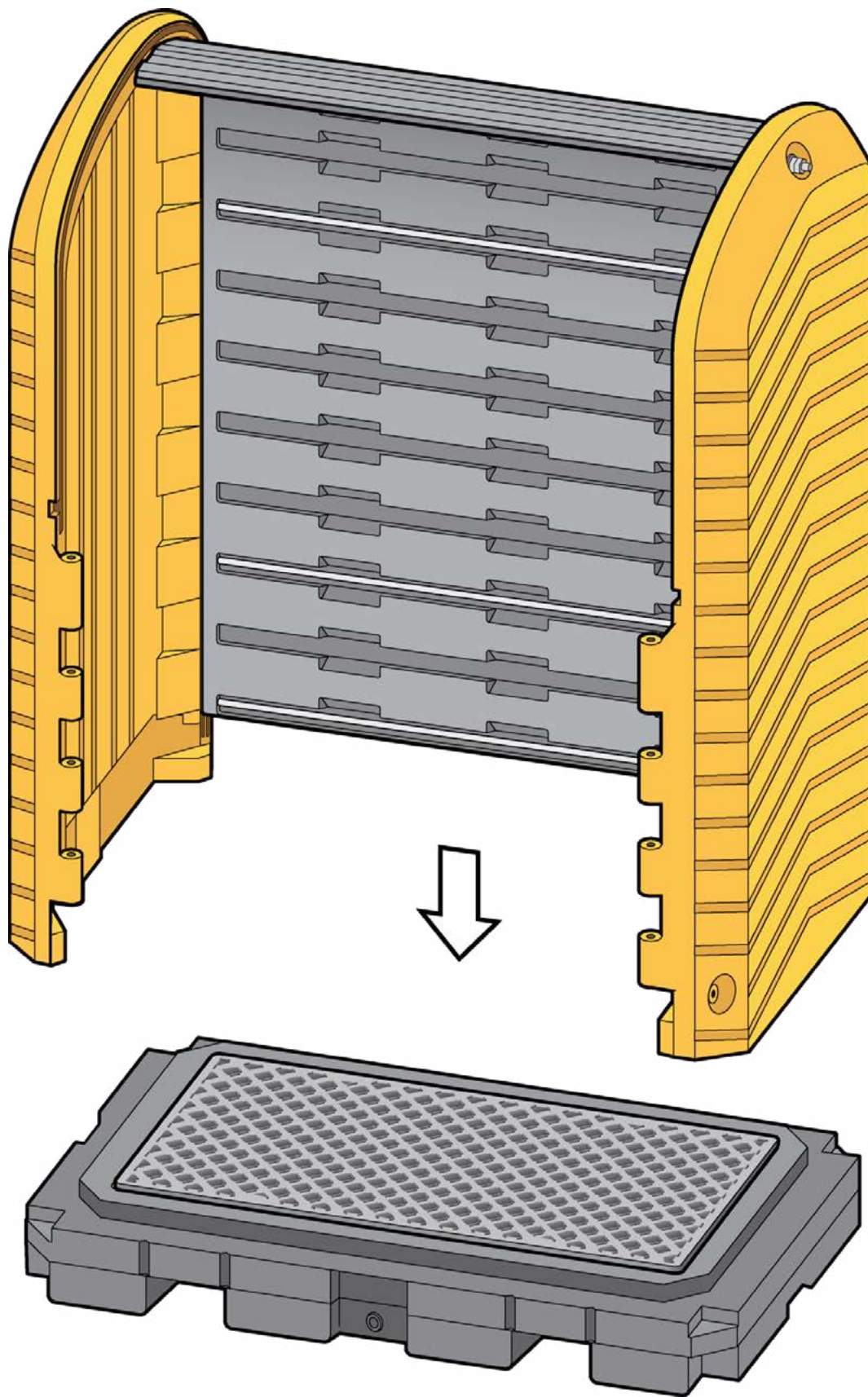
Attach a 1 ½" flat washer and nylon locking nut (11) to the end of the rod. Only finger tighten the nylon locking nut. Repeat this step for the next hole on the side wall and slotted rib hole.

Do not place a rod in the 3rd hole from the bottom; this rod will be attached later.

Repeat the steps above for the final hole in the top of the sidewall.

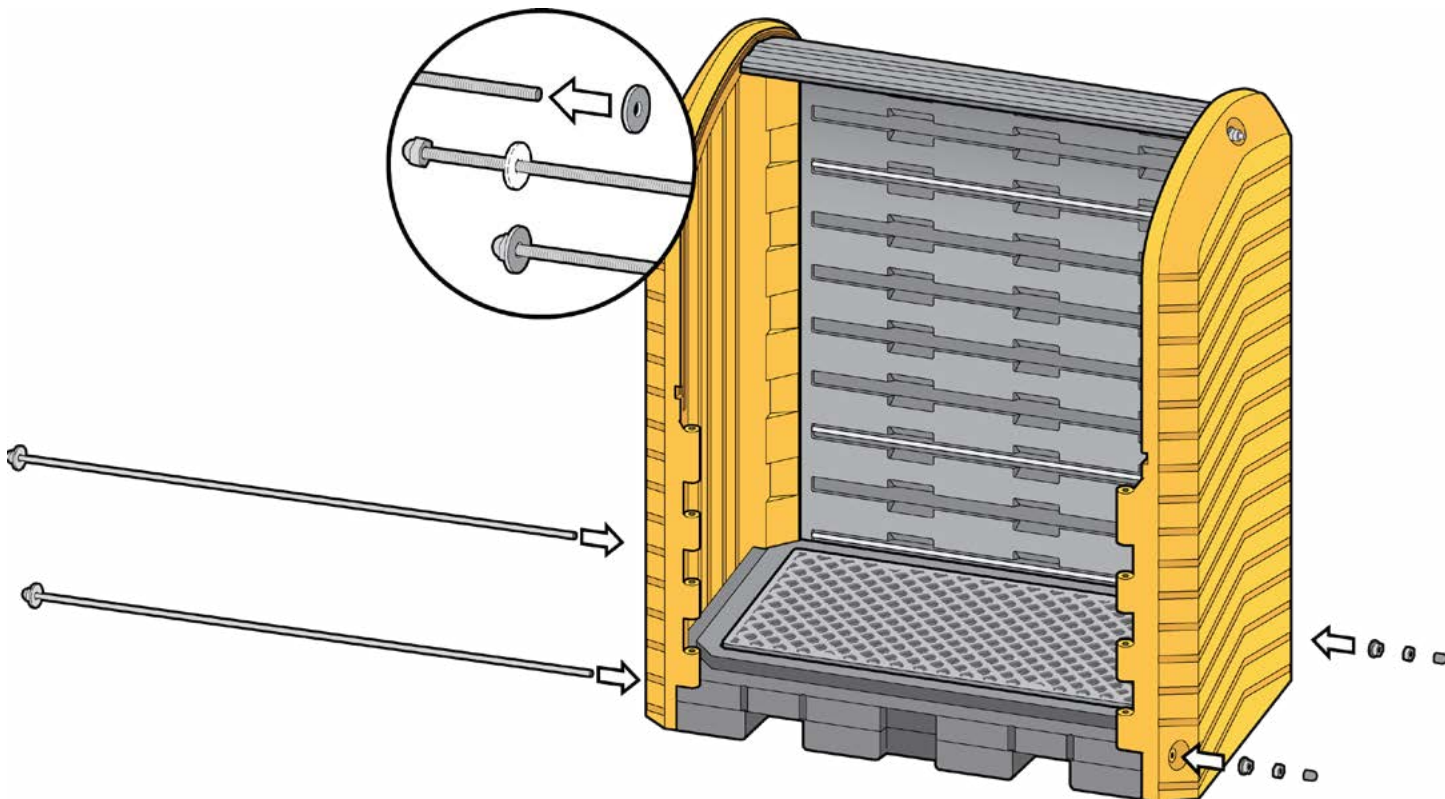


Stand the assembled sidewall and back panel upright and place the all thread rod through the 3rd hole from the bottom using the same steps to attach this rod as the previous rods.



Place the assembled sidewalls and back panel on top of the spill pallet (1) with the grate (2) installed.

The bottom tabs on the sidewalls fit into notches in the sides of the spill pallet and the upper tabs on the sidewalls should rest in notches on the top of the spill pallet.

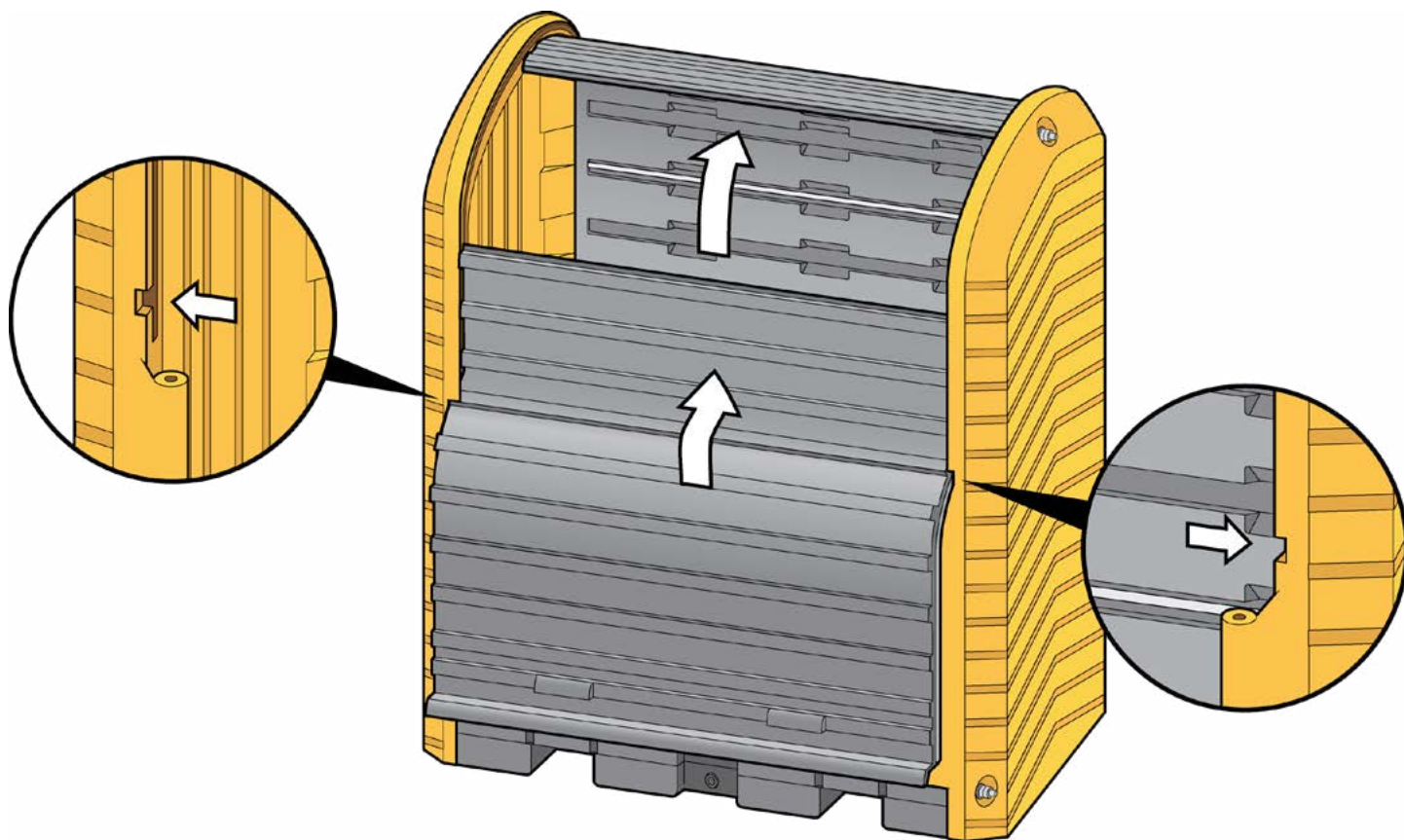


Using a 5/8" socket or wrench hold the acorn nut while turning the nylon locking nut with a 9/16" deep well socket or wrench, tighten the bottom rear attachment rod till both sidewalls are tight against the spill pallet sides.

Repeat this step for the front bottom attachment rod.

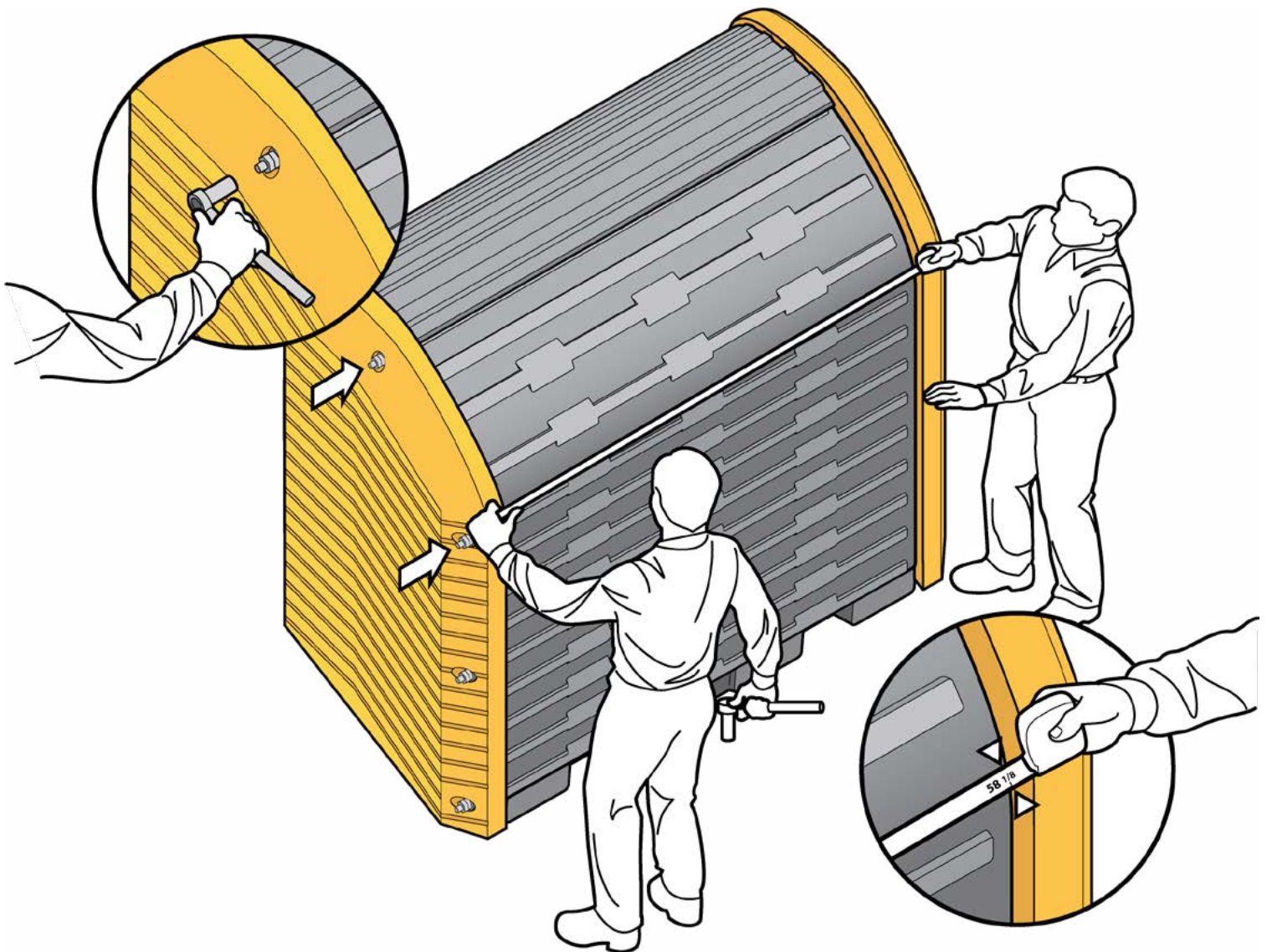
On the back panel tighten the second attachment rod from the bottom until the sidewalls just touches the rib on both ends.

Slide the rolling door (8) in the slots in the sidewall, then slide the rolling door up sidewalls until all of the door edges are inside the channel.



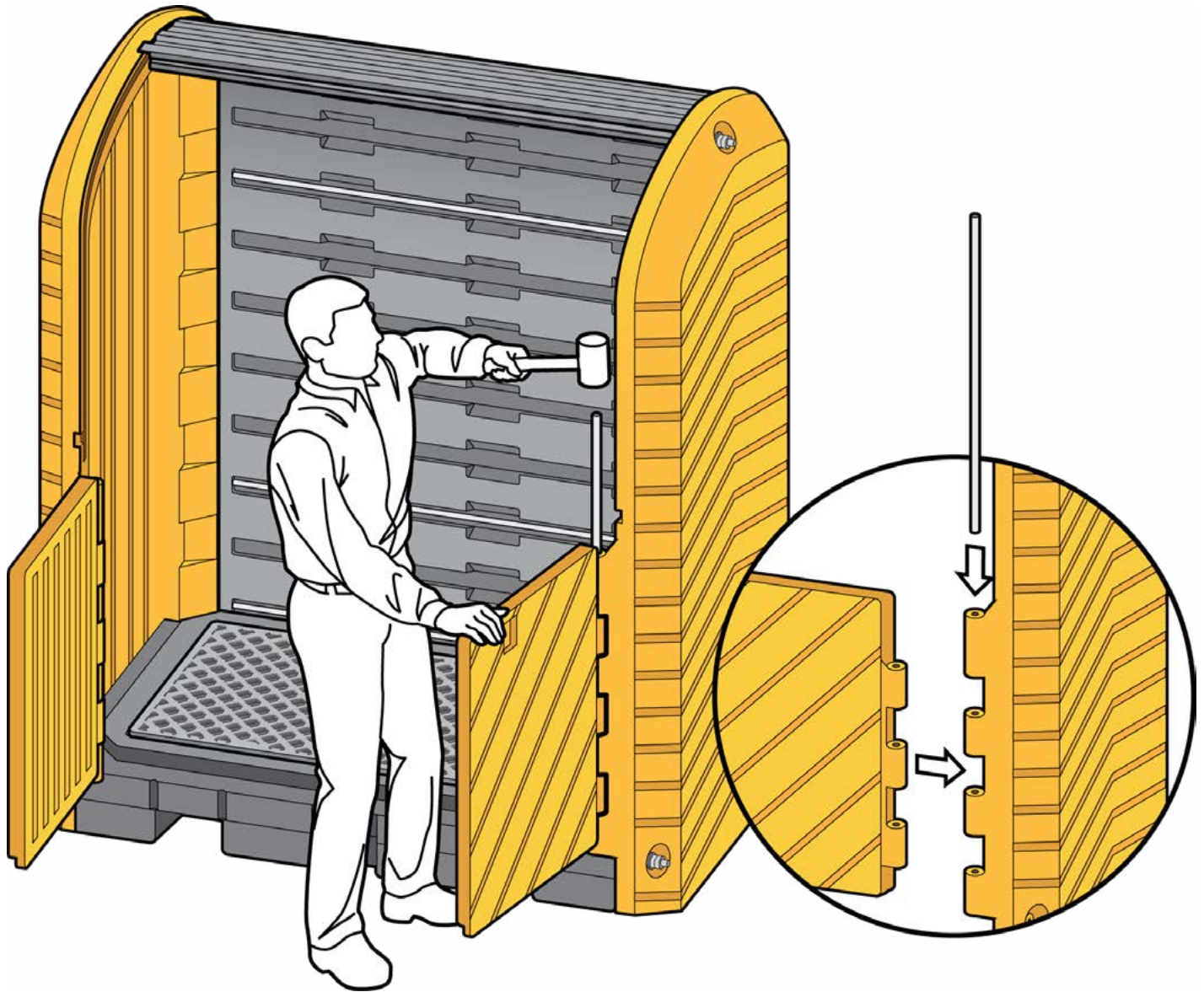
On the back panel tighten the 3rd threaded rod from the bottom to a distance of 59 $\frac{3}{4}$ " between the sidewalls. Then tighten the top threaded rod to a distance of 59 $\frac{3}{4}$ " between the sidewalls.

NOTE: Due to vibration during transit from the warehouse to the final destination, the nuts holding the sliding door between the sidewalls may have loosened slightly. Once the Ultra-Hard Top P2 Plus model is in place and prior to using it to store drums, tighten the threaded rods so that there is a distance of 59-3/4" between the sidewalls. This will ensure that the sliding doors do not disengage during use.

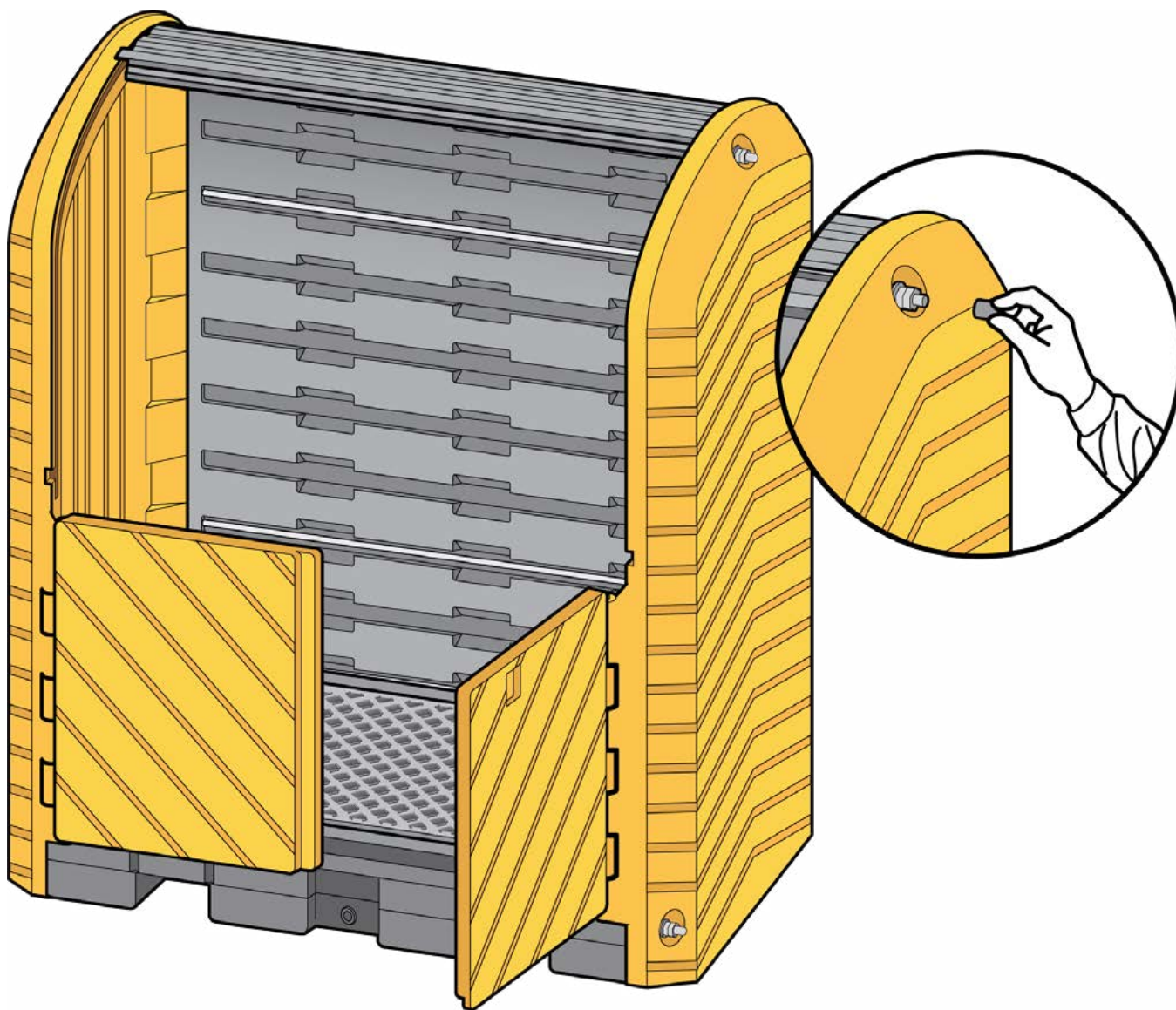


Install the left (5) and right (6) doors by aligning the hinge hole in the door with the hinge hole in the sidewall.

Start the ½" EMT conduit into the aligned holes, then finish tapping the conduit through the remain remaining holes till the top of the conduit is below the top of the door.



Place a plastic thread cap (15) on each of the threaded rod ends.



The Ultra-Hard Top P2 Plus is now ready for use.



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Ultra-Spill Pallet Ramp

For use with Spill Pallet Plus and Hard Top Plus

Part#	0676
Color	Black
Dimensions In. (mm)	55½ x 28½ x 8¾ (1,410 x 724 x 222)
Load Capacity UDL lb.(kg)	700 (318)
Usable Width in.	26
Weight lb. (kg)	43.0 (19.5)
# per Pallet	10
Composition	Ramp - Polyethylene. Plate - Steel

- Steel plate (8" length) secures ramp to pallet or deck and provides a smooth transition for loading and unloading





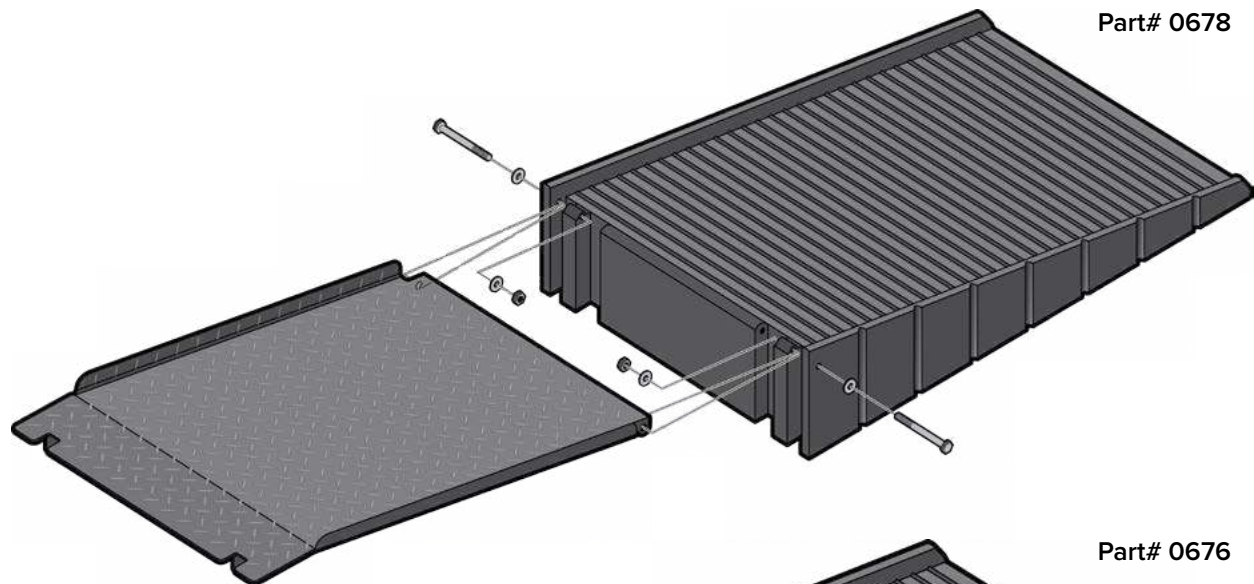
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Assembly Instructions

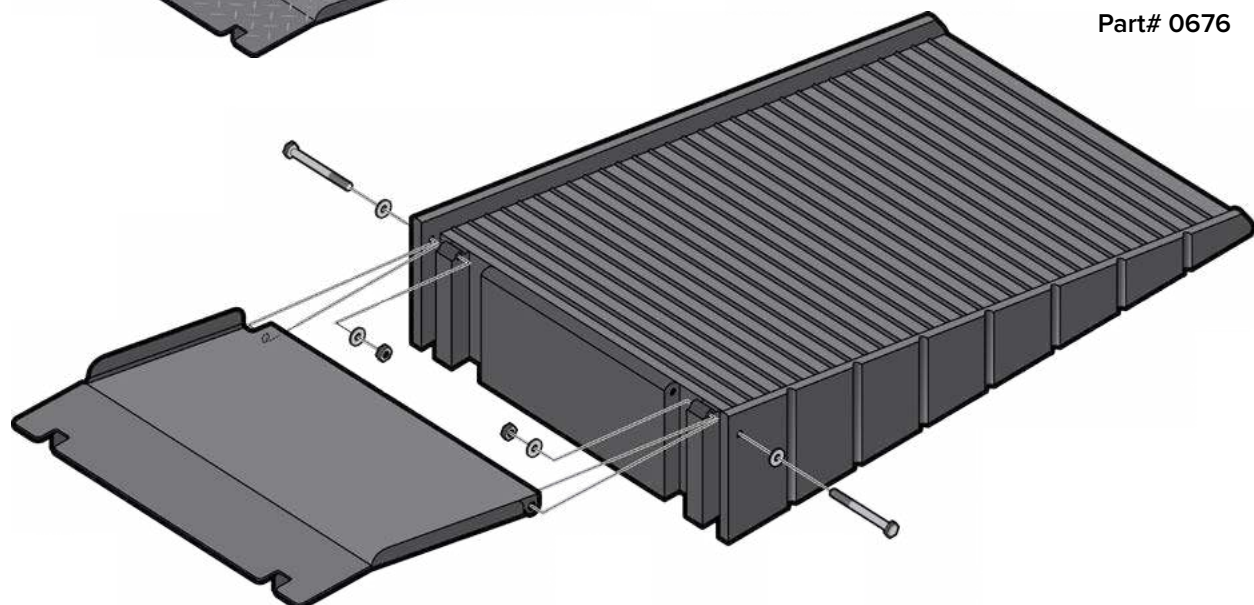
Ramps for Ultra-Spill Pallets®

NOTE: These instructions are for two ramps, Part# 0676 and Part# 0678. The procedure is the same for both and the plastic ramp is exactly the same. The only difference in the two parts is the size of the metal end plate.

1. Remove the nut and bolt from each side of the ramp.
2. Position the end plate as shown
3. Place a flat washer over the bolt and slide the bolt through the hole on the outside wall of the ramp.
4. Insert the ramp end plate tabs into the slots in the front of the ramp.
5. Pass the bolt through the hole in the end plate tab and the next hole in the ramp.
6. Slide a flat washer over the end of the bolt and attach the hex nut. Be careful not to overtighten.
7. Repeat steps 1-6 for other side.



Part# 0678



Part# 0676



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2-Drum Spill Containment Comparison Guide



	Spill Pallet P2	Economy Spill Pallet P2	Fluorinated Spill Pallet P2	Spill Pallet P2 Plus	Flexible Spill Pallet P2	Steel Pallet, 2-Drum	Spill Deck Bladder System P2	Hard Top P2	Hard Top P2 Plus
Part No.	1010 - No Drain 1011 - With Drain	2504 - No Drain 2505 - With Drain	1212 - No Drain 1213 - With Drain	9610 - No Drain 9611 - With Drain	1340 - No Drain 1345 - With Drain	1180	2329	1082 - No Drain 1083 - With Drain	9612 - No Drain 9613 - With Drain
Drain	Optional	Optional	Optional	Optional	Optional	No	No	Optional	Optional
Material	Polyethylene	Polyethylene	Fluorinated Polyethylene	Polyethylene	PVC	Steel	Polyethylene	Polyethylene	Polyethylene
Containment Cap. (gal)	66	66	66	66	66	68	88	66	66
Weight Cap. (lbs)	3000	1200	3000	4500	1200	2575	3000	3000	4500
Forkliftable	2-Way	2-Way	2-Way	2-Way	No	2-Way	No	2-Way	2-Way
Ramp	No	No	No	Optional - p/n 0676	No	No	No	No	Optional - p/n 0676
Dims. (L x W) in.	53 x 29	53 x 29	53 x 29	65.5 x 40	24 x 48	47.25 x 31.5	52 x 30.5	57 x 30.5	67.25 x 41.25
Dims. (H) in.	16.5	16.5	16.5	8.75	14	17.875	5.75	63.5	74
Shipping	Truck	Truck	Truck	Truck	Parcel	Truck	Parcel	Truck	Truck
Color	Yellow	Black	Light Blue	Yellow	Yellow	Silver	Yellow	Yellow	Yellow
Cost	\$\$	\$	\$\$\$	\$\$	\$	\$\$\$	\$\$	\$\$\$	\$\$\$\$
Advantage	High visibility	Low price	Better chemical compatibility	Weight capacity	Low price. Disassembles into smaller component for shipping/storage	Won't melt in fire	Lowest profile	Outdoor (covered) containment	Outdoor (covered) containment





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Chemical Compatibility Guide - Molded Polyethylene

For UltraTech Spill Containment Products

This listing was prepared to provide guidance to the chemical compatibility of UltraTech Spill Containment Products which are manufactured and constructed of a molded polyethylene.

Polyethylene is susceptible to attack by some chemicals which may cause stress cracking, swelling, oxidation or may permeate the polyethylene. These reactions may reduce the physical properties of polyethylene.

A = Suitable for long term storage at 100 degrees Fahrenheit or less.

B = Suitable for short term storage less than one year.

C = Do NOT store these chemicals in UltraTech containment products.

User testing may prove some of these chemicals are suitable for secondary containment applications with an exposure time of one week or less.

Acetaldehyde (40%)A
AcetamideA
Acetic Acid (50%)A
Acetic Acid AnhydrideB
Acetic EtherB
AcetoneA
Acetylene TetrabromideB
Acrylic EmulsionsB
AcrylonitrileA
Adipic AcidA
Aliphatic HydrocarbonsA
AlkalineA
Allyl Alcohol (96%)A
Aluminum Chloride (20%)A
Aluminum FluorideA
Aluminum Hydrogen Solution (10%)A
Aluminum HydroxideA
Alums (All Types)A
Ammonia (Aqueous)A
Ammonium AcetateA
Ammonium BifluorideA
Ammonium Carbonate (50%)A
Ammonium ChlorideA
Ammonium Hydrogen Fluoride (50%)A
Ammonium HydroxideA
Ammonium Metaphosphate Sat'dA
Ammonium Nitrate Sat'dA
Ammonium Persulfate Sat'dA
Ammonium PhosphateA
Ammonium SaltsA
Ammonium Sulfate Sat'dA
Ammonium Sulfide, Sat'dA
Ammonium Thiocyanate Sat'dA
Amyl AcetateA
Amyl Alcohol (100%)A
Amyl ChlorideC
Aniline (100%)B
Aniline HydrochlorideB
Anti FreezeA
Antimony SaltsA
Antimony Trichloride (90%)A

Aqua RegiaC
Aqueous Alkalies (NaOH)A
Arsenic AcidA
Barium CarbonateA
Barium ChlorideA
Barium CyanideA
Barium HydroxideA
Barium NitrateA
Barium SaltsA
Barium SulfateA
Barium SulfideA
Battery Fluid, AcidB
BenzaldehydeA
Benzene Sulfonic AcidB
BenzeneB
Benzoic AcidA
Benzyl AlcoholA
Benzyl ChloroformateA
Boric Acid ConcA
Boric Acid DiluteA
Borzx Cold Sat'dA
Bromine, LiquidC
Bromine, WaterC
BromobenzeneC
BromoformC
ButadieneA
Butanediol (100%)A
ButanolA
Butyl AcetateA
Butyl Alcohol (100%)A
Butyl PhenolC
Butylene GlycolA
Butylene LiquidC
ButyleneC
Butyric AcidA
Calcium CarbonateA
Calcium ChlorideA
Calcium HydroxideA
Calcium HypochloriteA
Calcium Nitrate (50%)A
Calcium SulfateA

Carbon BisulfideC
Carbon DisulfideC
Carbon MonoxideA
Carbon TetrachlorideC
Carbonic Acid (Aq. CO₂)A
Caustic (Aqueous)A
Caustic Potash Sol. (50%)A
Caustic Soda Sol. (10%)A
Chloroacetic AcidA
ChlorobenzeneA
ChloroformC
ChloromethaneC
Chlorsulfonic Acid (100%)C
Chrome Alum Sat'dA
Chromic Acid (50%)B
Clycolic Acid (All Conc.)A
Copper CyanideA
Cresylic AcidA
Crotonic AldehydeA
Cuprous Chloride Sat'dA
CyclohexanoneB
CyclohexaneA
CyclohexanolA
Dextrin Sat'dA
Dextrose Sat'dA
Di Isobutyl KetoneB
Dibutyl EtherC
Dibutyl SebacateB
DibutylphthalateB
Dichloroacetic AcidB
Dichlorobenzene, LiquidC
DichloroethyleneC
Diesel FuelB
Diesel OilB
DiethanolamineB
Diethyl CarbonateA
Diethylene GlycolA
Diglycolic Acid (30%)A
Dimethyl FormamideB
DimethylamineB
Dinonyl PhthalateC



Diocetyl Phthalate	C	Magnesium Hydroxide	A	Potassium Hydroxide	A
Dioxane	A	Magnesium Nitrate	A	Potassium Nitrate Sat'd	A
Diphenyl Oxide	C	Magnesium Oxide	A	Potassium Perborate Sat'd	A
Disodium Phosphate	A	Magnesium Salts	A	Potassium Perchlorate	A
Electrolyte	A	Magnesium Sulfate	A	Potassium Phosphates	A
Ethanol	A	Maleic Acid	A	Potassium Sulfate	A
Ether	C	Methanol	A	Propanol	A
Ethyl Acetate (100%)	B	Methyl Acetate	A	Propargyl Alcohol (7%)	A
Ethyl Alcohol	A	Methyl Alcohol (100%)	A	Propionic Acid (50%)	A
Ethyl Butyrate	B	Methyl Amine (32%)	A	Propyl Alcohol	A
Ethyl Chloride	C	Methyl Bromide	C	Propylene Dichloride (100%)	A
Ethyl Ether	C	Methyl Chloride	C	Propylene Glycol	A
Ethylene Chloride	C	Methyl Ethyl Ketone	B	Propylene Oxide	A
Ethylene Chlorohydrin	A	Methyl Isobutyl Ketone	B	Pyridine	B
Ethylene Diamine	A	Methyl Isopropyl Ketone	B	Selenic Acid	A
Ethylene Dichloride	C	Methyl Sulfate	A	Sewage	A
Ethylene Glycol	A	Methyl Sulfuric Acid (All Conc.)	A	Silicic Acid	A
Ethylene Oxide	C	Methylene Chloride	C	Silver Nitrate	A
Fatty Acids	A	Mineral Oils	A	Soda Ash	A
Ferric Sulfate	A	Monochloroacetic Acid Ethyl Ester	A	Sodium Acetate Sat'd	A
Ferrous Salts	A	Monochloroacetic Acid Methyl Ester	A	Sodium Benzoate	A
Ferrous Sulfate	A	Mowilith D	A	Sodium Bisulfate (10%)	A
Fluoboric Acid	A	Naptha	B	Sodium Bisulfite	A
Fluosilicic Acid (All Conc.)	A	Napthalene	B	Sodium Bromate	B
Formaldehyde (40%)	A	Nicotine Dilute	A	Sodium Chloride	A
Formamide	A	Nicotinic Acid	A	Sodium Chlorite	A
Formic Acid (All Conc.)	A	Nitric Acid (50%)	A	Sodium Chromate	A
Fuel Oil	A	Nitrobenzene	B	Sodium Disulfite	A
Furfural (100%)	A	Nitrotoluene	B	Sodium Dithionite (10%)	A
Furfuryl Alcohol	C	Octyl Cresol	A	Sodium Fluoride Sat'd	A
Gallic Acid Sat'd	A	Oleic Acid (All Conc.)	A	Sodium Hydroxide Conc	A
Gasoline	A	Oleum Conc	C	Sodium Hypochlorite	A
Gluconic Acid (All Conc.)	A	Oxalic Acid (All Conc.)	A	Sodium Nitrate	A
Glycerine	A	Palmitic Acid	C	Sodium Oxalate	A
Glycol	A	Paraffin Emulsions	A	Sodium Persulfate	A
Heptane	A	Perchloric Acid (50%)	A	Sodium Phosphate	A
Hexane	A	Perchloroethylene	B	Sodium Sulfonates	A
Hydrazone Hydrate	A	Petroleum Ether	B	Stearic Acid (All Conc.)	A
Hydrobromic Acid (50%)	A	Petroleum	A	Succinic Acid	A
Hydrochloric Acid (All Conc.)	A	Phenylhydrazine	C	Sulfuric Acid (98%)	B
Hydrocyanic Acid Sat'd	A	Phosphoric Acid (All Conc.)	A	Sulfuric Acid, Fuming	C
Hydrofluoric Acid (All Conc.)	A	Phosphorous (Yellow 100%)	A	Sulfurous Acid	A
Hydrofluorisilicic Acid (All Conc.)	A	Phosphorous Chlorides	B	Sulfuryl Chloride	C
Hydrogen Bromide (10%)	A	Phosphorous Pentoxide	A	Tartaric Acid Sat'd	A
Hydrogen Peroxide (90%)	A	Photographic Solutions	A	Tetrachlorethylene	C
Hydrogen Phosphide (100%)	A	Phthalic Acid (All Conc.)	A	Tetrachloroethane	C
Hydrogen Sulfide	A	Phthalic Anhydride	A	Tetrahydrofuran	C
Hydroiodic Acid (All Conc.)	A	Pickling Baths		Tetrahydronaphthalene	C
Hydroquinone	A	• Sulfuric Acid	A	Thionyl Chloride	C
Hydrosulfite (10%)	A	• Hydrochloric Acid	A	Titanium Salts	B
Hydroxylamine Sulfate	A	Picric Acid (1%)	A	Toluene Sulfonic Acid (All Conc.)	B
Hydrozine (35%)	A	Plating Solutions	A	Toluene	B
Hydrozine Hydrochloride	A	Potassium Aluminum Sulfates (50%)	A	Transformer Oil	A
Hypochlorous Acid	A	Potassium Bichromate	A	Tributylphosphate	A
Iso Octane	B	Potassium Borate (10%)	A	Trichloroacetic Acid	B
Isopropyl Acetate	A	Potassium Bromide	A	Trichloroethane	C
Isopropyl Alcohol	A	Potassium Chlorate	A	Trichloroethylene	C
Isopropyl Ether	C	Potassium Chloride	A	Tricresyl Phosphate	A
Jet Fuel	B	Potassium Chromate	A	Triethanolamine	A
Kerosene	B	Potassium Cyanide	A	Trioctyl Phosphate	C
Lactic Acid (All Conc.)	A	Potassium Dichromate (40%)	A	Trisodium Phosphate Sat'd	A
Lead Acetate Sat'd	A	Potassium Ferri Ferro Cyanide Sat'd	A	Turpentine Oil	C
Magnesium Carbonate	A	Potassium Fluoride	A	Xylene	C



UV and UltraTech Rotomolded Polyethylene

SPILL CONTAINMENT PRODUCTS

How long can I expect my UltraTech polyethylene (PE) spill containment product to last outdoors?

UltraTech's general response to this question is at least ten (10) years. You can expect longer, but the actual life is dependent on several factors. UltraTech has been making outdoor spill containment products since 1993. We have a good sense for realistic life expectancy based on all those years of experience. UltraTech uses the highest rated UV package in the resin formulation it uses to create the longest outdoor life available for a PE product.

What are the factors that affect the life of a PE spill containment product outdoors?

The most important environmental factors are ultraviolet exposure and chemical exposure. In the absence of chemical compatibility concerns (determined by the UltraTech compatibility chart for PE products), the next most important factor for outdoor, polyethylene spill containment products will be ultraviolet irradiation (UV) exposure. The most important factors with reference to UV are thickness, UV Inhibitor (UVI) content, and pigment color, type and concentration. Ultraviolet irradiation exposure causes molecular structure and bond changes that result in embrittlement of PE. Very thin PE can become brittle and fracture in less than a year (think contractor's PE visquene sheeting). Thicker parts take longer to break down. The addition of UV Inhibitors to the PE allow it sustain more UV exposure without breaking down. Darker pigments, inorganic pigments, and higher concentrations of pigments also individually and collectively will give PE a longer life before appreciable UV damage occurs.

What is the longest life of an outdoor spill containment product you have seen?

There is an outdoor spill containment product that has been in use in northeast Florida since 1986 and is still in active use today. UltraTech suggests its Ultra-Track Pans, used for outdoor railroad track spill containment, have a minimum of a twenty year life.

If you have further questions or require additional information, please visit our website at SpillContainment.com or contact us at 904-292-1611.



MAINTENANCE AND CARE

UltraTech Polyethylene Spill Containment Products

1. There is no specific need to clean an UltraTech Spill Containment product that has not had a spill or leak as the polyethylene plastic material it is constructed from is designed to last for years in most indoor or outdoor environment. The polyethylene has a UV protective additive for prolonged outdoor exposure.
2. The products are rated for use in temperatures from -40° F to 160° F.
3. The sump area of the product should be inspected weekly for any spills or leaks. If a spill or leak is discovered, it should be cleaned up **within 24 hours**. If inspection shows the sump area has a crack or hole or other damage that could affect the functionality of the unit, it should be **immediately removed from service**.
4. To clean up a spill or a leak, use all safety precautions required for handling the particular chemical involved. Using a safe pumping method for the chemical involved, pump the spilled contents out of the containment sump and into a drum or container for proper disposal or reuse. If the chemical involved is not safe to pump, use absorbents or other means to remove the chemical from the containment sump safely. Dispose of any chemicals, used sorbents or other disposables in compliance with your local or federal regulations.
5. Once the chemical has been removed, use a sorbent mat or pad to wipe down the inside of the containment unit to remove any remaining chemical residue. Finish by washing with soap and water and allow the unit to dry before placing back into service.
6. The unit's grating should be cleaned of any residual chemical and cleaned with soap and water.
7. If the unit had a drain plug that was removed to drain off any chemical or soap/water, be sure to replace the drain plug securely.
8. Ultra-Spill Deck Bladder System special instructions:
 - a. Use a hand pump with a ½" diameter tube and insert the tube into the opening of the bladder from inside the Spill Deck after removing the grate.
 - b. Pump the contents of the bladder and the Spill Deck into a drum or container for proper disposal or reuse.
 - c. If there is some remaining residue inside the bladder, lift the outside end of the bladder and allow the residue to pour back into the Spill Deck sump where it can be pumped out or absorbed with sorbents.
 - d. Remove the bladder from the Spill Deck by uncrewing the bulkhead fitting and dispose of the bladder properly according to local and federal regulations. **DO NOT RE-USE A BLADDER.** After the Spill Deck has been cleaned up, place a new bladder into the Bladder Attachment and attach it to the Spill Deck following the instructions that accompany the replacement bladder.

