

wedi Fundo Primo

- Pre-sloped and internally waterproof Point drain shower base system
- Highly customizable for virtually any tiled custom shower design
- Ready for tiling upon installation



General product description

Internally waterproof and pre-sloped shower floor base with factory integrated and waterproofed point drain connection for fast track installations that eliminate the many different steps and products involved in traditional mortar bed or semi pre-fabricated sheet – or liquid membrane system installations. Fundo Primo can be customized in the field and cut to size fitting shower stalls smaller than the nominal size of the product. Fundo Primo is available in select sizes featuring centered and off-centered drain options. The bases come with even perimeter thickness for easy recessing into subfloor construction while curbs can be used with Fundo Primo as well. Fundo Primo can be directly tiled over upon installation and there is no limitation to the size of tile or type of tile and cement based tile setting materials selected. Fundo Primo is available with select drain cover options. Due to the precise slope fields of the Fundo Primo, large or small format tile may be used. Within each slope field the tile will be fully supported over an even yet sloped surface. Where slope fields meet, grout lines should be designed when using tile larger than 4" x 4" as these should not span across two slope fields.

Areas of application

- New Construction of Residential/Commercial use buildings
- Renovation in Residential/Commercial use buildings
- For barrier free or curbed installations
- For customized or standard tiled showers
- Over wooden or concrete substructures

Product features

- 100% waterproof due to its extruded polystyrene (closed cell) foam core
- 100% mold and mildew proof due to the product's natural composition.
- Precisely pre-sloped and ready to tile surface made of reinforcing fiberglass mesh embedded in a heavy duty cement resin coating performing as a strong tile backing and strong enough surface to work on during system installation and prior to tiling
- High insulating properties due to its extruded polystyrene core giving tile or stone finish surfaces a warmer touch.
- Extremely lightweight due to its rigid foam core benefitting installations over older structures and handling on construction sites.
- Easy and clean to cut to size using a circular saw or handsaw.
- Installation is extremely fast and safe due to the one piece shower base application. The product or installation requires no curing times allowing for a continuous installation process.
- Drain covers are height adjustable for a perfect finish with the tile selected
- No limitation to use of tile sizes or the type of tile
- No limitation to use of cement based thinset mortars and grouts. Product works perfectly with polyurethane or epoxy based grouts.

Substrate/ Material Preparation and Requirements Before Installation

General Limitations / Requirements (Concrete & Wood Subfloors)

- wedi Product Systems are only used for interior installations.
- Do not use as a wear surface or without tile / stone or other suitable coverings.
- Do not use organic mastic adhesives for setting tile on wedi systems in wet areas.
- Use only thinset mortar setting materials suitable for installation and adhesion to the specific substrate / subfloor type.
- Certain substrates must be primed prior to thinset mortar attachment.
- Do not use where substrate is subject to excessive moisture and moisture content changes.
- Do not use over substrates including, but not limited to: particle board, luan, asbestos, plank, bamboo, hardwood, chipboard, Sponge backed Vinyl Tile / Flooring, Laminates, Fiberglass based surfaces, Metal or Steel surfaces. Do not install over any dimensionally unstable surfaces.
- Consult wedi for questions regarding specific approved installations over substrates not listed here.
- Subfloors must be clean, even, sufficiently loadbearing and dry (cured).
- Residues, oil, waxes, grease or other contaminants acting as possible bond breakers must be removed.
- Deflection of all subfloor installations must not exceed L/360 for ceramic tile installations and L/720 for dimensional stone installations over wedi product. under consideration of live and dead loads measured between joists.
- Any leveling of the subfloor must be done prior to installing wedi product and tile. Subfloor maximum variation from plane must not exceed ¼" in 10 ft.
- wedi products should not be installed over bowl shaped, uneven structures.
- A wedi installation does not replace the need for Expansion and/ or Movement joint placement within a tile installation. Please follow recommendations found in the TCNA guidelines (Detail EJ171).
- All installations shall be in conformance with IRC for residential installations and IBC for commercial installations or applicable building codes in a region including the consideration of properly designed substrates and subfloors. All installations including the consideration of properly designed substrates and subfloors should be in compliance with current TCNA Handbook for Ceramic, Glass and Stone Tile Installation.
wedi's technical recommendations supersede all requirements of IRC, IBC, IPC or TCNA where in conflict and exceeding minimum requirements established by the above mentioned institutions.
- Contact wedi for installation of tile or stone smaller than 2" x 2" and larger than 12 x 12 inches in size to learn more about the best practices and requirements applied in such applications. Follow tile manufacturers' recommendations for appropriate flooring tile choice, setting materials and installation techniques.

Installation over structural wooden surfaces – Flooring

- The cut out for the Fundo Primo Drain Unit around the existing floor pipe must not exceed 6" x 6" square. It must be reinforced from below if deflection in this area occurs which would exceed the L/360 maximum allowance.
- Plywood subfloor joist spacing must not exceed 16" o.c. with minimum thickness of T&G exterior grade plywood of 19/32 inch. Joist spacing in excess of 16" o.c. and up to 24: o.c. requires a double layer of ¾" Exterior Grade Plywood T&G subfloor sheets, glued and screwed.
- Plywood sheets must be installed with a 1/8" gap between sheets.
- Wood subfloors and structures attached to wooden subfloors must be kept dry and wood moisture content must be maintained at consistent service and use levels and must not exceed 15 %. Where constant moisture or vapor is present, ventilation must be installed to eliminate exposure of the wood structure from below the wedi product layer.

Installation over concrete /cement surfaces – Flooring

- Concrete slabs or other structural cement based substrates must be fully cured (at least 28 days but up to 3 months for new Portland cement based concrete or lightweight concrete under normal conditions, mix ratio and ambient climate). Field verification of full cure (see moisture level indicators below) is necessary to determine a full cure.
- Residual humidity must not exceed the following value per each floor type when setting wedi product and / or tile coverings:
Calcium Sulphate Screeds: 0.5 %
Calcium Sulphate Screeds, heated: 0.3 %
Cement Screeds: 3.5 %
Gypsum based underlayment: 1 % or per manufacturer recommendation
Anhydrite Screeds: 0.5 %
Conduct measures with CM device.
- Please note that wedi product systems might trap rising moisture during subfloor cure time or in general from un-isolated concrete ground floors not equipped with a vapor barrier.
- Concrete Subfloors must not be subject to hydrostatic water pressure.
- Existing cracks in subfloor must be filled and secured.
- Do not use over control and / or expansion joints subject to out-of plane movement or in- plane-movement.

Fundo Primo Technical Properties

Fundo Primo Shower Base Material	XPS/ Extruded Polystyrene Foam Core covered with fiberglass mesh fully embedded in a cement based resin coating
Surface Burning Characteristics; ASTM E84-04	Passed
Tensile Strength (Thinset Mortar to wedi Coating to Foam); ASTM C297	65 PSI
Shear Strength (Thinset Mortar to wedi Coating to Foam); within ANSI 118.10-1999; wet conditions	54 PSI
Waterproofness; ASTM D4068 and within ANSI 118.10-1999	Passes
Waterproofness of Assembled System; IAPMO PS 106-2015	Passes
Capillarity	0
Temperature Exposure Limits	-58°F to + 175°F
R- Value; ASTM C518	4.3hr ft. 2 F/Btu/in (R – value for 1 inch of wedi foam = 4.3
Robinson Floor Test; ASTM C627	Heavy Duty Commercial Use, Passes
Fungus & Bacteria Resistance	No Growth , Passes
Building & Plumbing Code Compliance	
2015,2012,and 2009 International Plumbing Code (IPC)	Compliant
2015,2012, and 2009 International Residential Code (IRC)	Compliant
2015,2012, and 2009 International Building Code (IBC)	Compliant
2010 and 2005 National Plumbing Code of Canada	Compliant
2012 and 2009 Uniform Plumbing Code (UPC)	Compliant
2012 and 2009 National Standard Plumbing Code (NSPC)	Compliant
ANSI 118.10-2008 Load – Bearing Bonded, Waterproof Membranes for Thinset Ceramic Tile and Dimension Stone Installations	Compliant
ASME A112.6.3-2001 (R07) Floor and Trench Drains	Compliant
IAPMO PS 46-2012 Field Fabricated Tiling Kits	Compliant

Building & Plumbing Code Compliance continued

IAPMO PS 106-2015 Tileable Shower Receptors and Shower Kits	Compliant
New York City Approval OTCR	Approved
City of L.A. Approval	Approved; Report No M-100017 in reference to ICC ES PMG 1189
Illinois State Approval IDPH	Approved
Michigan State Approval	Approved ; Report 1625-PA
Wisconsin State Approval	Approved, File 20130265
Massachusetts State Approval	Approved; P3-0315-306 &P3-0315-306
Worldwide Approvals Quality Management & Control	ISO 9001-2008
North- America Approvals Code Compliances & Quality Management	ICC ES PMG 1189

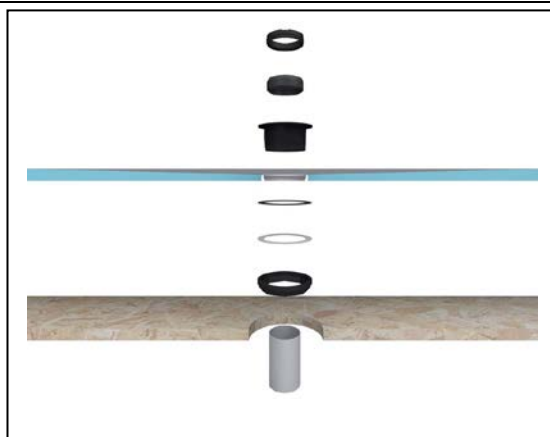
Drain Technical Properties

Factory integrated drain connection valve in shower base and field installed compression fit drain unit provided in each system. Drain unit seals to all nominal 2" schedule 40 floor pipes made of ABS or PVC. Special sealing gaskets are available to seal to 2" or 1 1/2" Cast Iron or Copper Pipe. Glue/ Cement Connection drain available in ABS for nominal 2" schedule 40 floor pipes.

Fundo Primo Drain Material	ABS
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Code Compliance (International Plumbing Code/ IPC): ASME A112.18.2 (no liner/no bonding flange / no weepholes needed with wedi system)

Compliant (ICC PMG 1189)



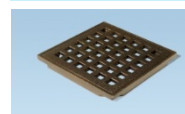
Drain Covers Technical Properties

wedi Fundo Primo Drain Covers (all options); nominal 4" x 4" square or round	Stainless Steel 304; Brushed
wedi Fundo Primo Colored Covers (Oil Rubbed Bronze); nominal 4" x 4" square	Stainless St. 304; Powdercoated

The covers (except colored) are available in two variants: with "permanent" screw assembly or without (standard). They are height adjustable when using the optional plastic height extension/ riser provided in each unit to match tile installation height on shower base floor.

The Product Range

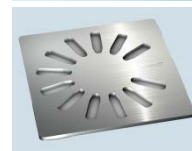
wedi Fundo Primo Shower Base	External Dimensions Width x Length x Height	Unit	Item #
Fundo Primo, floor base, with Center Point Drain	36" x 36" x 1 9/16"	1 pc	073735507
Fundo Primo, floor base, with Center Point Drain	36" x 48" x 1 9/16"	1 pc	073735516
Fundo Primo, floor base, with Center Point Drain	48" x 48" x 1 9/16"	1 pc	073735505
Fundo Primo, floor base, with Center Point Drain	36" x 60" x 1 9/16"	1 pc	073735506
Fundo Primo, floor base, with Off-Center Point Drain	36" x 72" x 2"	1 pc	073735521
Fundo Primo, floor base, with Center Point Drain	36" x 72" x 1 9/16"	1 pc	073735525
Fundo Primo, floor base, with Center Point Drain	48" x 60" x 1 9/16"	1 pc	073735509
Fundo Primo, floor base, with Center Point Drain	48" x 72" x 1 9/16"	1 pc	073735508
Fundo Primo, floor base, with Center Point Drain	60" x 60" x 1 5/8"	1 pc	073735518
Fundo Primo, floor base, with Center Point Drain	60" x 72" x 1 9/16"	1 pc	073735519
Fundo Primo, floor base, with Center Point Drain	48" x 84" x 2"	1 pc	073735522
Fundo Primo, floor base, with Center Point Drain	60" x 84" x 2"	1 pc	073735523
Fundo Primo, floor base, with Center Point Drain	72" x 72" x 1 9/16"	1 pc	073735524
Cover Standard and Drain Unit Sets	Width x Length x Height (Cover)	Unit	Item #
Fundo Primo Standard Cover Set and Compression Fit Drain Unit (Included in Primo Unit)	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000003
Fundo Primo Standard Cover Set and Glue Connection Fit Drain Unit	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000007
Fundo Primo Standard Cover Set and Brass Compression Fit Drain Unit	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000004
Cover Sets Only	Width x Length x Height (Cover)	Unit	Item #
Fundo Primo Standard Cover Set	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000009
Fundo Primo Standard Cover Set Oil Rubbed Bronze	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000008



Technical datasheet



Fundo Fino Tileable Cover Set	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000020
Fundo Fino Cover Set 1.1; Square (Daisy Design)	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000021
Fundo Fino Cover Set 1.1.2; Round (Daisy Design)	4 1/2" Ø	1 pc	US1000023
Fundo Fino Cover Set 1.3; square /w. Screws (Daisy Design)	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000022
Fundo Fino Cover Set 1.3.2; Round/w. Screws (Daisy Design)	4 1/2" Ø	1 pc	US1000027
Fundo Fino Cover Set 3.1; Square (Pebbles Design)	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000024
Fundo Fino Cover Set 3.1.2; Round (Pebbles Design)	4 1/2" Ø	1 pc	US1000026
Fundo Fino Cover Set 3.3; square 4" x 4"/w. Screws (Daisy Design)	3 3/4" x 3 3/4" x 1/4"	1 pc	US1000025
Fundo Fino Cover Set 3.3.2; Round/w. Screws (Pebbles Design)	4 1/2" Ø	1 pc	US1000028
Drain Units Only & Accessories	Width x Length x Height	Unit	Item #
wedi Fundo Compression Fit Drain Unit	For 2" Floor Pipe Schedule 40 ABS or PVC unless sealing gasket is changed to seal to different pipe (see optional sealing gaskets available)	1 pc	US1000012
wedi Fundo Compression Fit Drain Unit Brass	For 2" Floor Pipe Schedule 40 ABS or PVC unless sealing gasket is changed to seal to different pipe (see optional sealing gaskets available)	1 pc	US1000011
wedi Fundo Glue In Drain (ABS)	For 2 " Schedule 40 ABS floor pipe unless multipurpose cement is used	1 pc	US1000010
wedi Caulking Gasket Cast Iron Pipe 2"	For 2" Floor Pipe Cast Iron	1 pc	US5000030
wedi Caulking Gasket Copper Pipe 2"	For 2" Floor Pipe Copper	1 pc	US5000031
wedi Tool: Wrench/ Caulking Nut Wrench	For faster/consistent installation of compression fit gaskets	1 pc	US5000032



The wedi Fundo Primo Shower Kit

The wedi Fundo Primo is available as a fully equipped Kit including Primo shower base, drain/drain cover unit, wedi Building Panel, wedi full foam curb, sealants and fasteners. The product quantities are sufficient to cover a shower framework stall the size of the shower base/ kit and three walls 80 inches high (one long wall, two short walls). The components are packaged in one solid box allowing for safe transportation and handling as well as safe estimating of parts needed for a successful installation.

The following wedi Fundo Primo Kits are available:

wedi Fundo Primo Shower Kit	External Dimensions	Unit	Item #
	Width x Length		
Fundo Primo Shower Kit with centered drain	36" x 36"	1 pc	US2000002
Fundo Primo Shower Kit with centered drain	36" x 48"	1 pc	US2000007
Fundo Primo Shower Kit with centered drain	48" x 48"	1 pc	US2000004
Fundo Primo Shower Kit with centered drain	36" x 60"	1 pc	US2000003
Fundo Primo Shower Kit with off-centered drain	36" x 72"	1 pc	US2000008
Fundo Primo Shower Kit with centered drain	36" x 72"	1 pc	US2000001
Fundo Primo Shower Kit with centered drain	48" x 60"	1 pc	US2000005
Fundo Primo Shower Kit with centered drain	48" x 72"	1 pc	US2000006

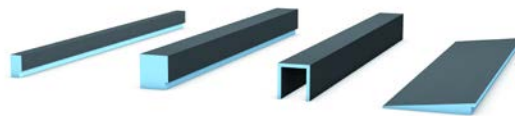
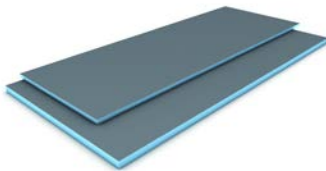


Scope of Delivery

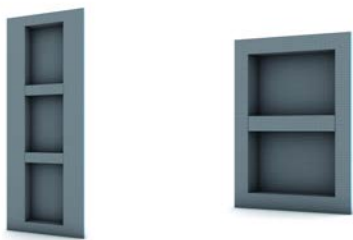
The wedi Fundo Primo Unit includes the Shower Base and the Drain Unit/ Drain Cover Assembly.

Complementary Products to build an entire wedi Primo Shower System

wedi Building Panel to provide a
waterproof Tile Backer for the walls



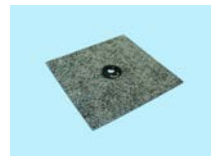
wedi Recess Niches to provide storage
for Shampoo and Utensils



wedi Seats & Benches to upgrade Showers



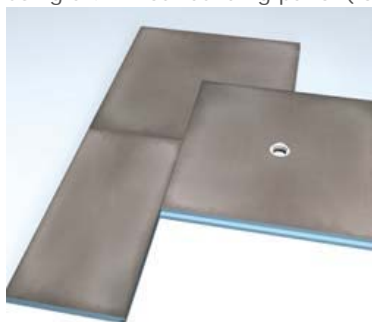
wedi Installation Accessories: Sealants, Fasteners & Tools



Specialty Applications with wedi Fundo Primo

- Extending wedi Fundo Primo to size

wedi offers pre-sloped Extension panels which are available in two sizes and are designed to fit most wedi Fundo shower floor elements . These panels come with pre-made notch connections to safely seal to a Primo base and serve as an extension of the shower floor. These extensions connect at a height of 1 ½" to the perimeter of a Fundo base featuring an even perimeter. Please make sure to increase the installation height of any extension panel which connects to wedi Fundo models which feature a perimeter thickness of more than 1 ½ inches. This can be done easily using a ½" wedi building panel (choose appropriate thickness) and installing it under the extension panel.



Fundo Extension	24" x 48" ; sloped ¼" / ft along 24" length	One -way slope	73783528
Fundo Extension	12" x 72" ; sloped ¼" / ft along 12" length	One- way slope	73783523

- Cutting wedi Fundo Primo to size

wedi Fundo Primo Shower Bases may be cut to size to make the fit a floor pipe location or the overall framed shower area. Cuts can be made in clean ways by simply using a circular saw or handsaw. When using a circular saw please make sure to use a carbide or diamond blade as you are cutting through the base's cement surface. Due to the sloped surface and design of the wedi slope we recommend to not cut off more than 6 inches of either side of the wedi Fundo Primo bases. Once cut to fit, the base perimeter's notch channel (Z notch) must be re-created and be ½" wide x ½" deep in dimension. Newly made channels should horizontally align with adjacent channels so it is recommended to mark the existing channels depth as the lowest cutting point/depth prior to using a straight edge and a utility knife to cleanly cut out the new channel by cutting horizontally into the base edge ½" deep. A circular saw with adjusted blade depth should be used to cut ½" deep into the base surface (½" away from edge of base). When measuring for the Fundo Primo's fit into the shower area please start out by measuring from the existing floor pipe's center and from there to all walls (inside of framing) and the line at which the wedi curb would start (note: the wedi curbs are designed to fully interlock into the Fundo Primo base channel (1/2") which is important to consider when planning the overall dimensions of the shower structure to be built and including the curb). Please make sure the Fundo Primo base always fits in tightly and square against the length of all (framed or other) walls leaving only a maximum gap of 1/8" if unavoidable. This ensures a tight connection to wedi Building Panels and a proper support and (framed) wall backing of the transitional area from shower base into wall tile backer area. Try to avoid cutting wedi Fundo Primo to fit into out of square installation areas. While you may be able to install the wedi shower system safely the procedure of making product work to attach to out of square areas and surfaces will continue into the finish tile installation and the appearance of the finished work may suffer. It is recommended to square all areas before installation of the wedi system to provide a professional and efficient starting point for the entire installation.

Sustainability & Environmental Considerations

- wedi's product is rated by the International Panel on Climate Change (IPCC) with a Global Warming Potential of 1 (no negative impact considering its entire lifetime including its production process, its use in application and its ultimate disposal). wedi's extrusion agent is CO₂. No CFC as commonly used with foam extrusion is utilized.
- wedi refrains from using global warming halogenides, negatively impacting global warming and commonly found in foam products, in its wedi foam product.
- wedi's highly automated manufacturing facilities source electric power exclusively from energy sources producing renewable energy such as from water, wind, solar.
- All foam material waste occurring during the manufacturing processes is recycled and used to manufacture lightweight cement floor filler products.
- wedi polystyrene foam ingredients consist of recycled material at a rate of 25%.
- wedi's waterproof product systems protect wet room tile & stone installations against deterioration and mold due to water exposure damages and increase the average lifetime of wetroom installations such as showers, this conserving energy and material. The maintenance, cleanliness and added value to surfaces, air quality as well as general health of users is provided by the natural mold protection offered by wedi product.
- wedi product offers insulation properties and will help conserving energy when product is used on walls as well as on cold floor substrates and/ or with floor warming systems.

Warranty Information

Please refer to wedi's 10 year limited warranty on www.wedicorp.com. Please note that the International Plumbing Code requires a waterproof transition from waterproof shower base into the wall. This can be done by installing wedi's waterproof Building Panel (as the tile backer board) and wedi's waterproof curbs. The assembly and transitional seams have to be sealed with wedi joint sealant, a wedi engineered MS Polymer sealant and adhesive. Please note: There is no suitable alternative to wedi's joint sealant.

MasterFormat™ 2004 Sections

Section 09305 Tile Setting Materials and Accessories

Section 10185 Shower Compartments

Section 09300 Tile

Storage

Store flat, cool and not exposed to weather. Store in original, protective packaging.

Health & Safety information

Work appropriate work wear, gloves and safety glasses. Product contains cement. Please consult the wedi Material Safety Data Sheet (MSDS) "wedi Fundo" on www.wedicorp.com.

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purpose.

Installation of wedi Fundo Primo Shower System

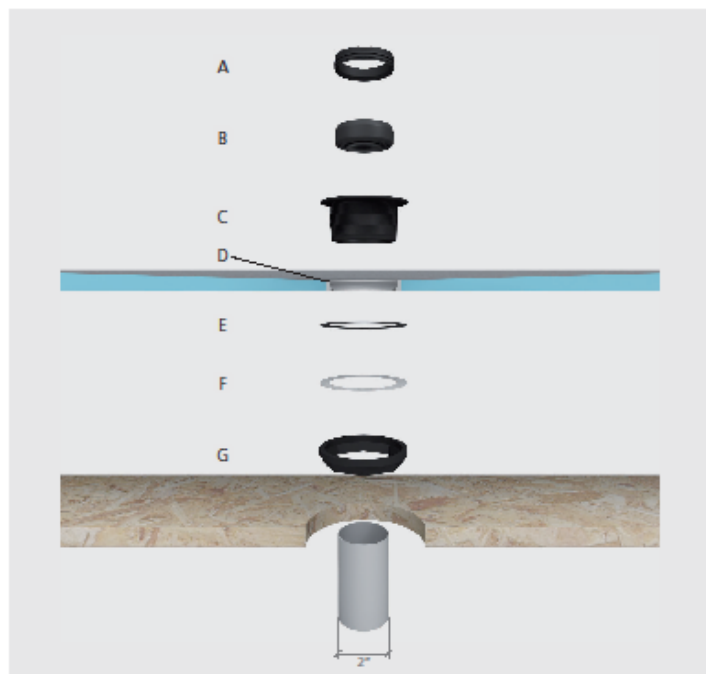
Drain to Base Assembly

Legend

- A Caulking nut
- B Rubber caulking gasket
- C Drain body
- D wedi sealant
- E Rubber gasket
- F Fiber gasket
- G Locking nut

Optionally a glue drain can be obtained from wedi. For a cement glue connection, the floor pipe must be cut 2 1/4 inches below the surface of the subfloor.

Optionally a brass drain can be obtained from wedi. The installation proceeds as shown for the standard PVC drain provided with each Fundo base.



Tools

- Bucket
- Notch Trowel
- Drill with Thinset Mixer
- Utility Knife
- Straight Edge/T Square 5 ft or longer
- Speed Square
- Caulk Gun
- Handsaw
- Flat Head Screwdriver
- Screw gun
- Solid Putty Knife
- Paper Towels
- Level
- Circular Saw
- Saw Horse
- Tape Measure
- Permanent Marker
- Extension Cord for Powertools
- Shop vacuum cleaner

Assembly Instructions

wedi Fundo

Installation instructions wedi Fundo onto wooden or concrete floors

Before Installation

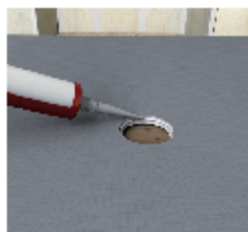
- Have 2x4 blocking installed vertically between studs along the bottom perimeter of framing to back the bottom of wedi wall panels.
- Subfloor is sound, level and meets deflection criteria. Wooden or concrete structural substrates are dry and loadbearing. Steel framing is loadbearing.
- Floor joists not to exceed 16" o.c. Subfloor panels 3/4" T&G EGP or equivalent.
- 2" PVC or ABS pipe is cut flush with or max. of 1/8" above top surface of subfloor top surface and is in the correct position
- 2" drain assembly below floor is stabilized and will not sink under water load.
- Only wedi products (Building Panels, Curb, Joint Sealant and Fasteners) are used for wedi Fundo Shower System assembly.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described
- wedi shower bases can be cut to size using a skilsaw. The Z notch channel must be remade and cleaned from sawdust or contaminants.



- 1 Cut the 2" pipe flush (or max. 1/8" above) to the floor construction. Make sure that the cut out fits to the Fundo panel drain. Cut out a 5" diameter hole around the 2" pipe to allow the wedi drain to be inserted into the subfloor. The drain and trap have to be sturdily fastened to the sub floor.



- 2 Assemble the drain unit following the instruction drawing.



- 3 Set up a continuous 1/4" bead of wedi sealant along the top side of the wedi Fundo's valve groove profile.



- 4 Drop the drain body firmly into the sealant.



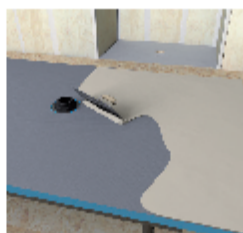
- 5 Turn the Fundo base upside down and apply the rubber and the fiber gasket.



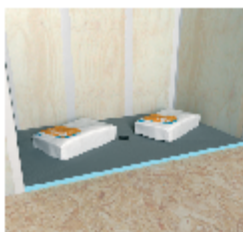
- 6 Tighten the gaskets firmly to the bases' steel ring using the locking nut. Make sure the drain body is still safely received in the valve-bead of sealant.



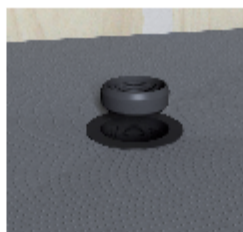
7 Skim coat the thinset ANSI 118.4 and comb through with a $\frac{1}{4}$ " x $\frac{1}{4}$ " notched trowel. Channels pointing to the entrance.



8 Trowel the thinset on the rear side of the Fundo again using a $\frac{1}{4}$ " x $\frac{1}{4}$ " notched trowel.

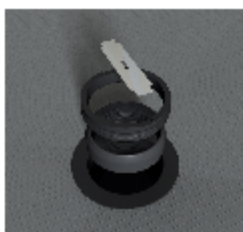


9 Press the Fundo firmly into the thinset bed, ensuring that the installation is level and void free. Apply some weight equally and for at least 30 minutes (thinset bags).



10 Set up the rubber caulking gasket (with the bevelled side up) around the 2" pipe in the subfloor. The rubber gasket must be flush with the upper end of the 2" ABS or PVC pipe.

Do Not use any Lubricants.



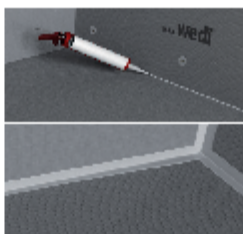
11 Tighten (squeeze) the rubber caulking gasket firmly with the caulking nut (use a flat headed screwdriver) and finally insert the plastic frame and strainer on top (without adhesive). The frame and strainer will be held in a flexible grout joint.



12 Set up a continuous $\frac{1}{2}$ " bead of wedi sealant along the pans channel on the outer perimeter and only in areas where you can immediately install a building panel into the fresh sealant.



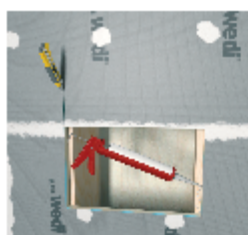
13 Push the wedi panel all the way into the channel of the shower base channel and its bead of sealant. Remove pushed out sealant on inside seam using a putty knife. Fasten the panels directly to the studs starting 1 ft above the base and at a rate of 1 fastener per 1 ft. One extra fastener is set into the seam to the next panel to create a flush transition.



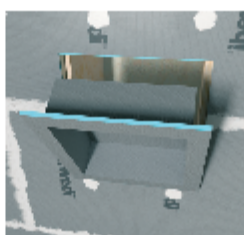
14 Apply continuous $\frac{1}{2}$ " beads of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary $\frac{1}{2}$ " bead of sealant and spread flat. The seams should be covered 1" on either side of seam. All fastener/washers are covered with sealant stretching 1" over the washer edges.

Assembly Instructions

wedi Fundo



15 wedi Niches are installed in a cut out in the wedi wall and attached with it's flange right into the center of 16 o.c. studs. wedi joint sealant is set along the connection of wall to niche.



16 2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 1/2" bead of wedi sealant is spread over fasteners and seams.



17 A continuous 1/2" bead of sealant is set into the channel and along the vertical curb notch part. A circle of 1/2" sealant bead is set against the wall panels where the curb attaches. A 1/2" x 1/2" bed of thinset mortar is applied to the subfloor. The tightly cut to fit curb is pressed into the connection.



18 Weight is applied on and against the curb (from outside) and another 1/2" bead of sealant is applied over all curb seams and spread flat. The seams must be covered 1" either side of a seam.

After Installation

- Using a 2" drain plug, the wedi pressure fit drain/sealing gasket is water tested prior to ceramic tile installation and prior to other full surface flood tests.
- All bottom perimeter joints, curb joints and vertical joints are covered with wedi Joint Sealant. Coverage should be continuously visible for at least 3/4" to 1".
- No mastic adhesives are used to install ceramic tile in the

wedi system. A high quality modified thinset mortar is recommended. Tiles smaller than 2 x 2 inches require epoxy grout. Exception are pebble stones or river rock stones where a modified cement based grout can be used.

- Large format tile can be used on wedi Fundo bases. The tiles must be cut where the slope fields meet.

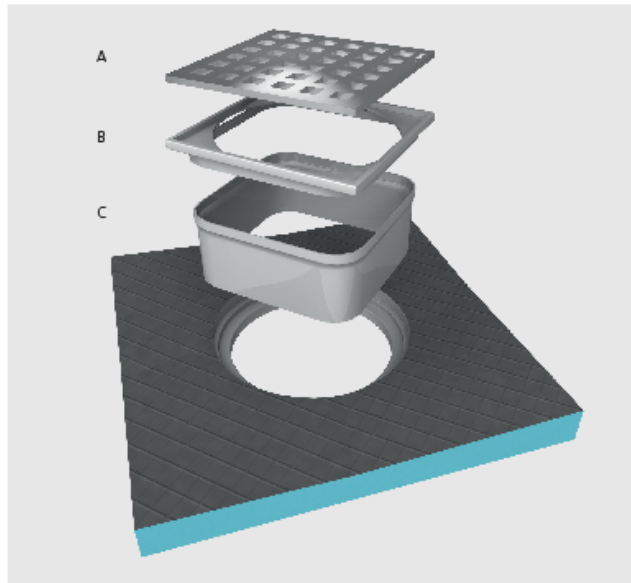
- When complete wedi shower system is installed with wedi joint sealant, a water flood test may be performed only 2 hours after final application of wedi joint sealant (application temperature must be ambient/ interior with normal relative humidity and temperatures above 40°F).

- i** • Where wedi building panel or curb overs/caps are installed over horizontal surfaces (seats, curbs, tubdeck transitions) do not set any fasteners and do not allow the glass door track installation to penetrate the wedi panel as it is your waterproofing.
- Make sure that doors are installed tight to contain water inside the shower. Make sure doors are installed to only load bearing reinforced framing.
- Where wedi building panel is installed over corners of a structure showing an angle other than 90° please miter the board edges to gain adhesion surface. Utilize a wedi sealing tape in addition to regular sealing for safety.

wedi Drain Cover Assembly/Insertion

Legend

- A wedi Strainer
- B Strainer Collar
- C Optional Extension Collar



i Insert Strainer Collar into base hole (no glue/no screws). Caulk between part and tile to create a flexible grout joint. Extension Collar can be cut to height if part is needed. The caulk joint must not create a water barrier damming up the water draining through the thinset bed into the drain. Therefore the thinset layer must be continuous toward the drain.

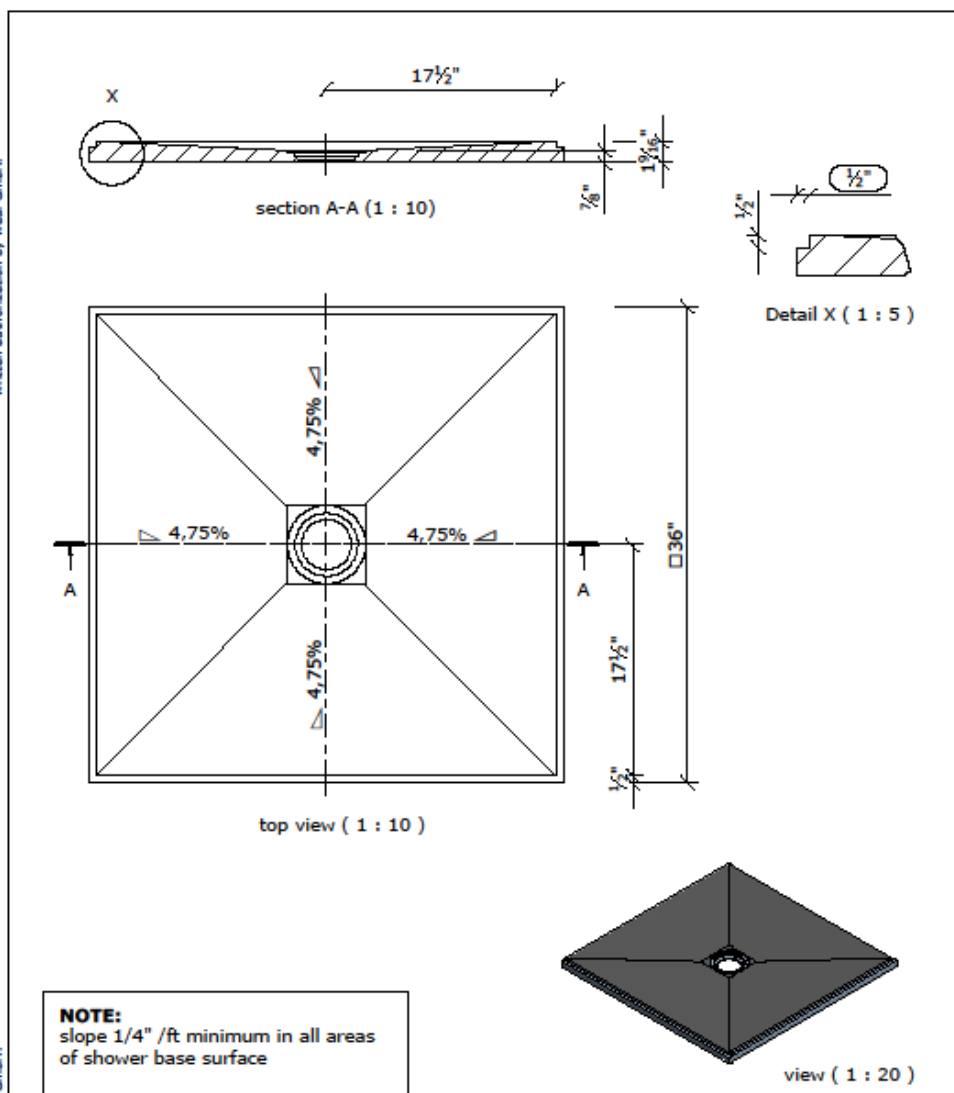


Additional Best Practices / Tips when installing wedi Fundo Primo

- Skimcoat wedi curb bottom surfaces with thinset mortar prior to attaching the curb into the troweled thinset mortar on the subfloor.
- Seal all openings in your wedi wall building panels (shower valves/shower head pipes) as water in the thinset layer below the tile may escape through those openings inflicting damage to framing.

Technical Drawings

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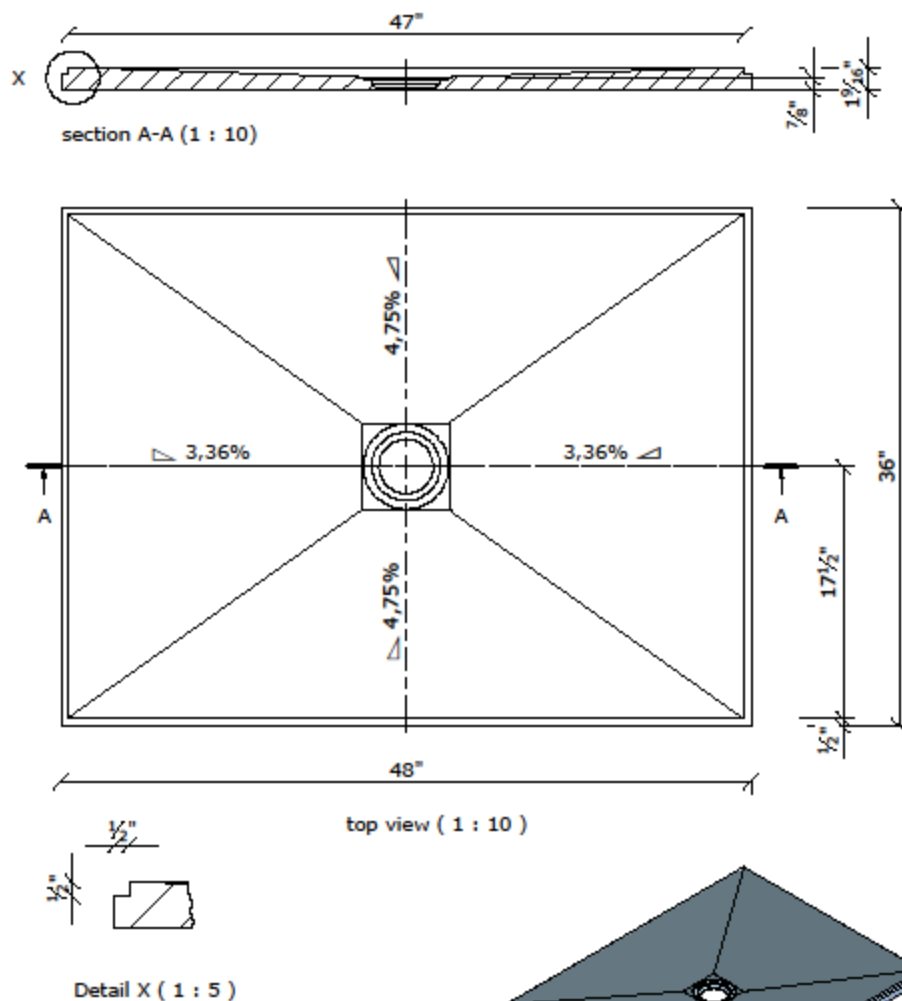


NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

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Zeichnungsnummer Drawing number Z 00 00 01 29 Kunde/ client : wedi corporation BV/ BP :					Benennung/ designation wedi Fundo USA 3' x 3' Art: 07-37-35/507				
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					2D drawn	01.12.2009	vo		
					CAD/CAM Progr.				
					Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202				
B	Anpassung Bem.	24.07.2014	L.S.	wedi Vertrieb/ sales					
A	Standardisierung	02.05.2012	pd	wedi Projektabteilung/project dept. <div style="float: right;"> ... wedi </div>					
Ausg.	Änderung modification	Datum date	Name name	Maße in Zoll dimensions in inch	DIN A4	filename: 073735507_FU_USA_3'x3'_Kundenzeichnung.dwg			
						Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133 Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 239			

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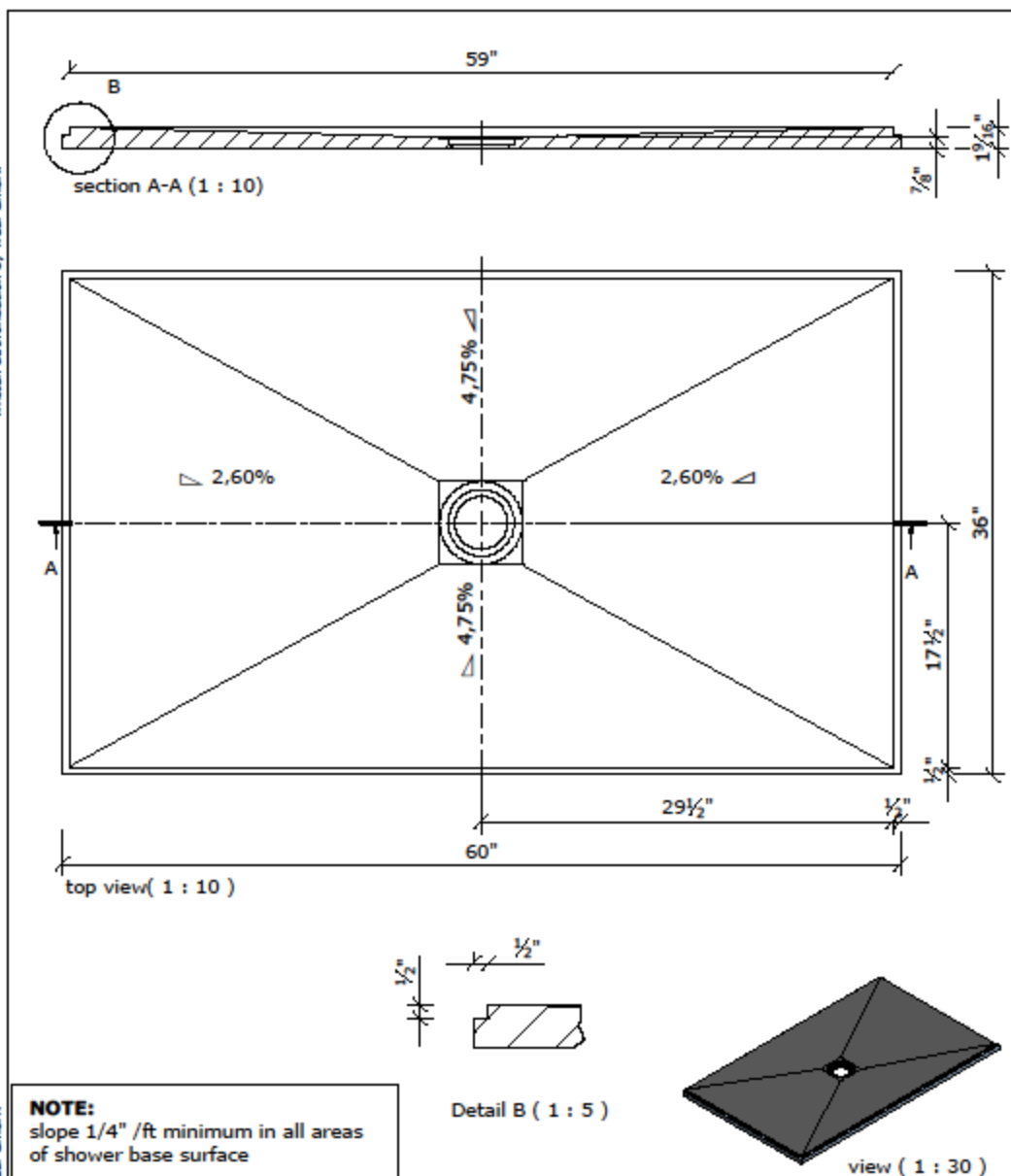


NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

Zeichnungsnummer/ Drawing Number					Benennung/ designation					
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Kunde/ client : wedi corporation										
BV/ BP : Bauvorhaben					Art: 07-37-35/516					
					Datum date	Name name	<div>wedi GmbH Hollefeldstrasse 51 48282 Emsdetten</div> <div>... wedi</div> <div>wedi Vertrieb/ sales Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133</div> <div>wedi Projektteilung/project dept. Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 239</div>			
					3D drawn	01.12.2009				vo
					2D drawn	01.12.2009				vo
					CAD/CAM Progr.					
B	Anpassung Bem.	25.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202						
A	Standardisierung	23.03.2012	pd							
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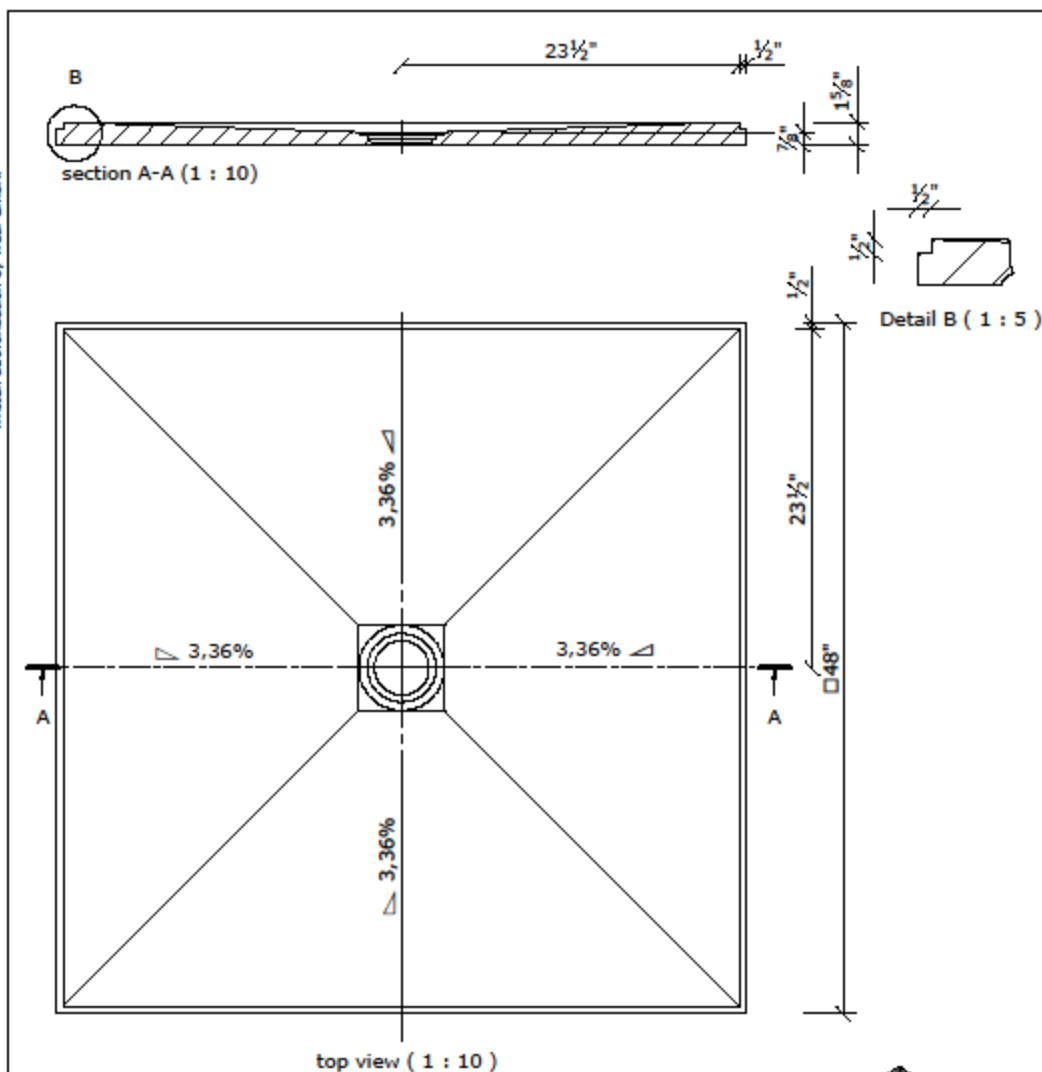
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Z 00 00 01 31 Kunde/ client : wedi corporation BV/ BP :				Benennung/ designation wedi Fundo USA 3' x 5' Art: 07-37-35/506	
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				3D drawn 02.05.2012	2D drawn vo
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B	Anpassung Bem.	24.07.2014	L.S.	wedi GmbH Hollefeldstrasse 51 48282 Emsdetten ... wedi wedi Vertrieb/ sales Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133 wedi Projektteilung/project dept. Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 239	
A	Standardisierung	02.05.2012	pd		
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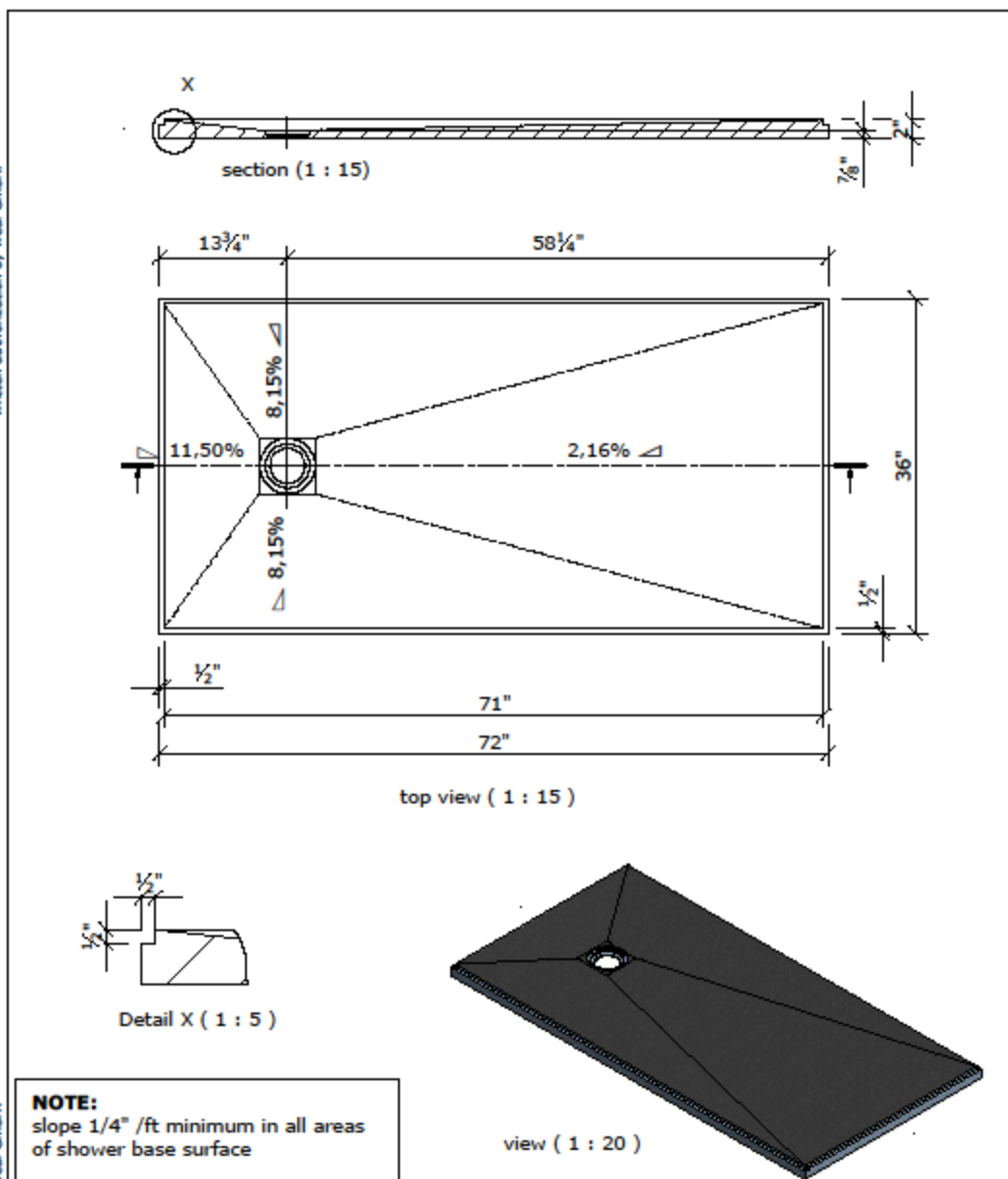
NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

view (1 : 35)

Zeichnungsnummer/ Drawing number				Benennung/ designation			
Z 00 00 01 30				wedi fundo USA 4' x 4'			
Kunde/ client : wedi corporation				Art: 07-37-35/505			
BV/ BP :							
					Datum date	Name name	wedi GmbH Hollefeldstrasse 51 48282 Emsdetten
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				CAD/CAM Progr.			
B	Anpassung Bem.	24.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202			wedi Vertrieb/ sales
A	Standardisierung	23.03.2012	pd				wedi Projektteilung/project dept.
Ausg.	Änderung modification	Datum	Name	Maße in Zoll dimensions in inch	DIN A4	filename: 073735505_FU_USA_4'x4'_Kundenzeichnung.lpt	
						Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133	
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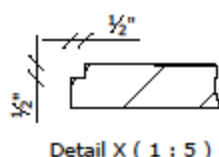
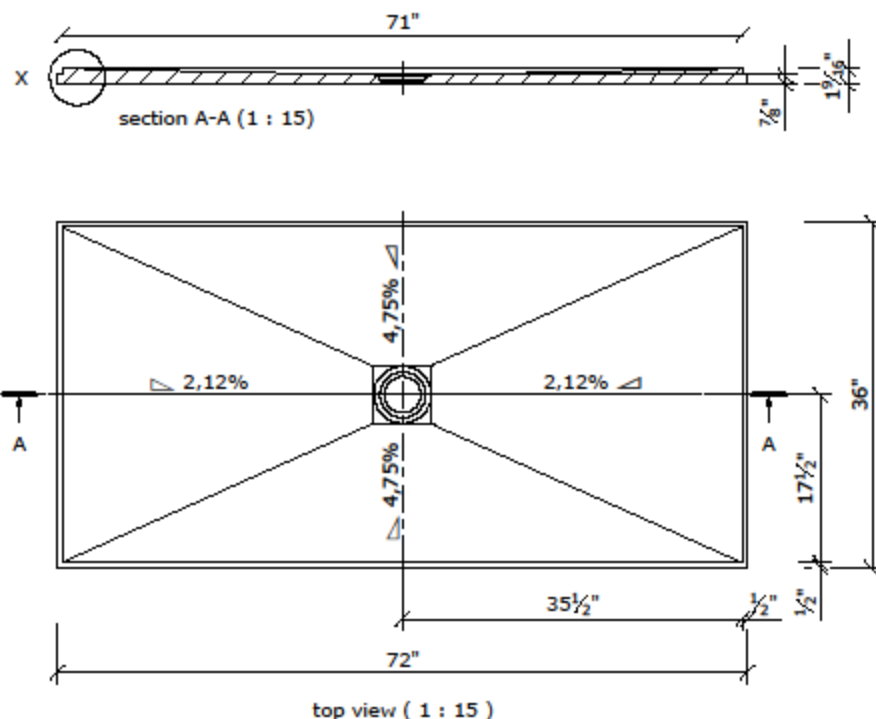
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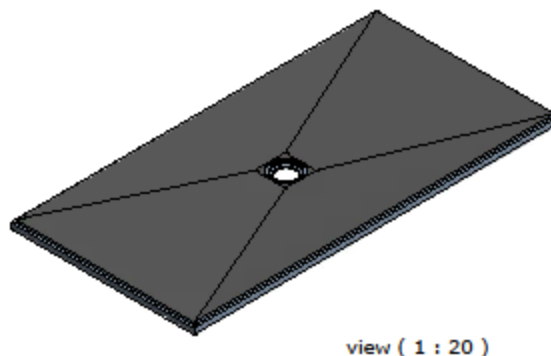
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Z 00 00 32 48 Kunde/ client : wedi corporation BV/ BP :					Benennung/ designation wedi fundo USA 3' x 6' ADZ Art: 07-37-35/521					
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					2D drawn	01.12.2009				vo
					CAD/CAM Progr.					
C	Anpassung Bem.	25.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202				wedi Vertrieb/ sales Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133		
B	Standardisierung	15.03.2012	pd					wedi Projektabteilung/project dept. Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 239		
A	thickness	27.04.2010	vo							
Ausg. Issu	Änderung modification	Datum date	Name name	Maße in Zoll dimensions in inch	DIN A4	filename: 073735521_FU_USA_3'x6'_ADZ_Kundenzeichnung.IPT				

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NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface



Zeichnungsnummer/ Drawing number: Z 00 00 45 97							Benennung/ designation		
Kunde/ client : wedi corporation							wedi fundo USA 3' x 6'		
BV/ BP :							Art: 07-37-35/525		
					Datum date	Name name	wedi GmbH Hollefeldstrasse 51 48282 Emsdetten		
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B	Anpassung Bem.	25.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202				wedi Vertrieb/ sales Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133	
A	Standardisierung	23.03.2012	pd						
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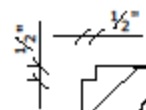
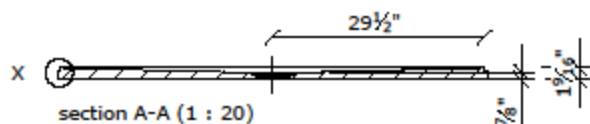
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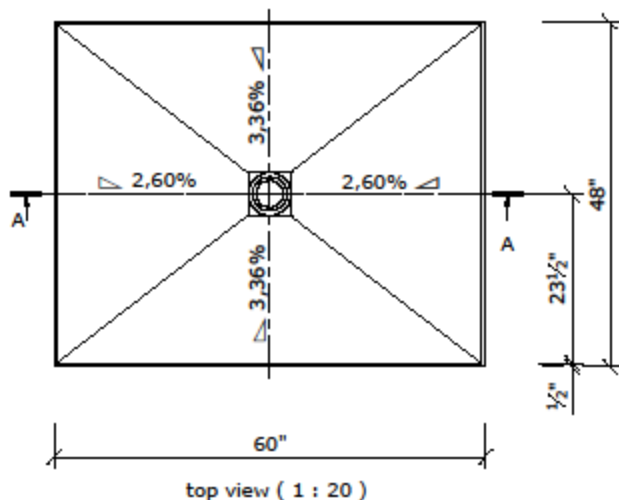
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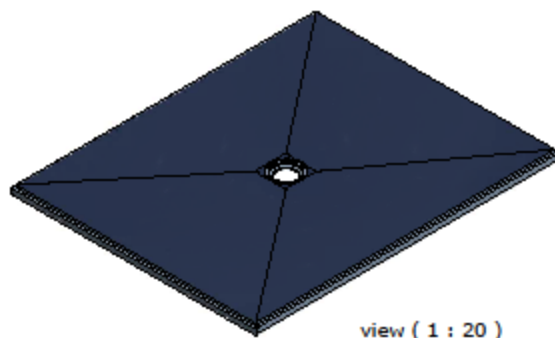
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Detail X (1 : 5)

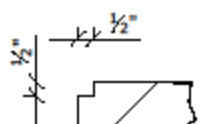
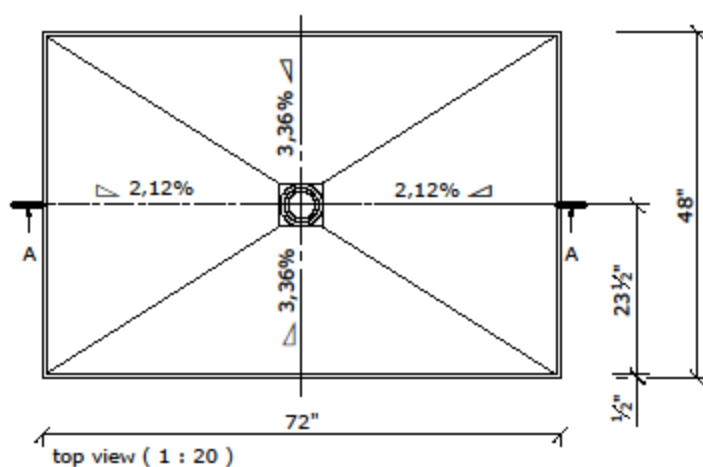
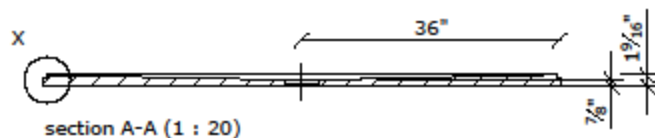


NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

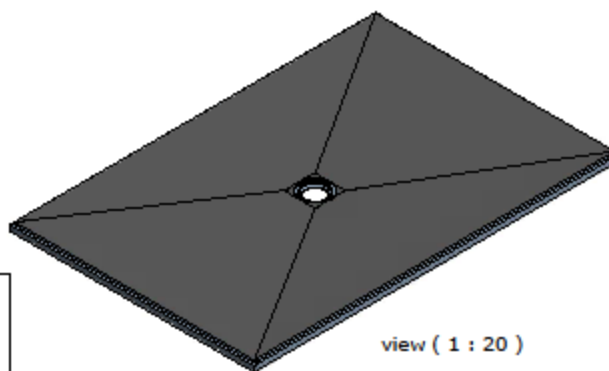


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				2D drawn 01.12.2009 vo	... wedi
				CAD/CAM Progr.	wedi Vertrieb/ sales Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 133
				Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202	wedi Projektteilung/project dept. Fon +49 (0)2572 / 156 - 0 Fax +49 (0)2572 / 156 - 239
A	Standardisierung	02.05.2012	pd		
Ausg. issue	Änderung modification	Datum date	Name name	Maße in Zoll dimensions in inch	DIN A4
				filename: 073735509_FU_USA_4'x5'_Kundenzeichnung.ipt	

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of shower base surface



Zeichnungsnummer/ Drawing Number: Z 00 00 14 37						Benennung/ designation	
Kunde/ client : wedi corporation						wedi Fundo USA 4' x 6'	
BV/ BP :						Art: 07-37-35/508	
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				CAD/CAM Progr.			
B	Anpassung Bem.	24.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202			
A	Standardisierung	15.03.2012	pd				
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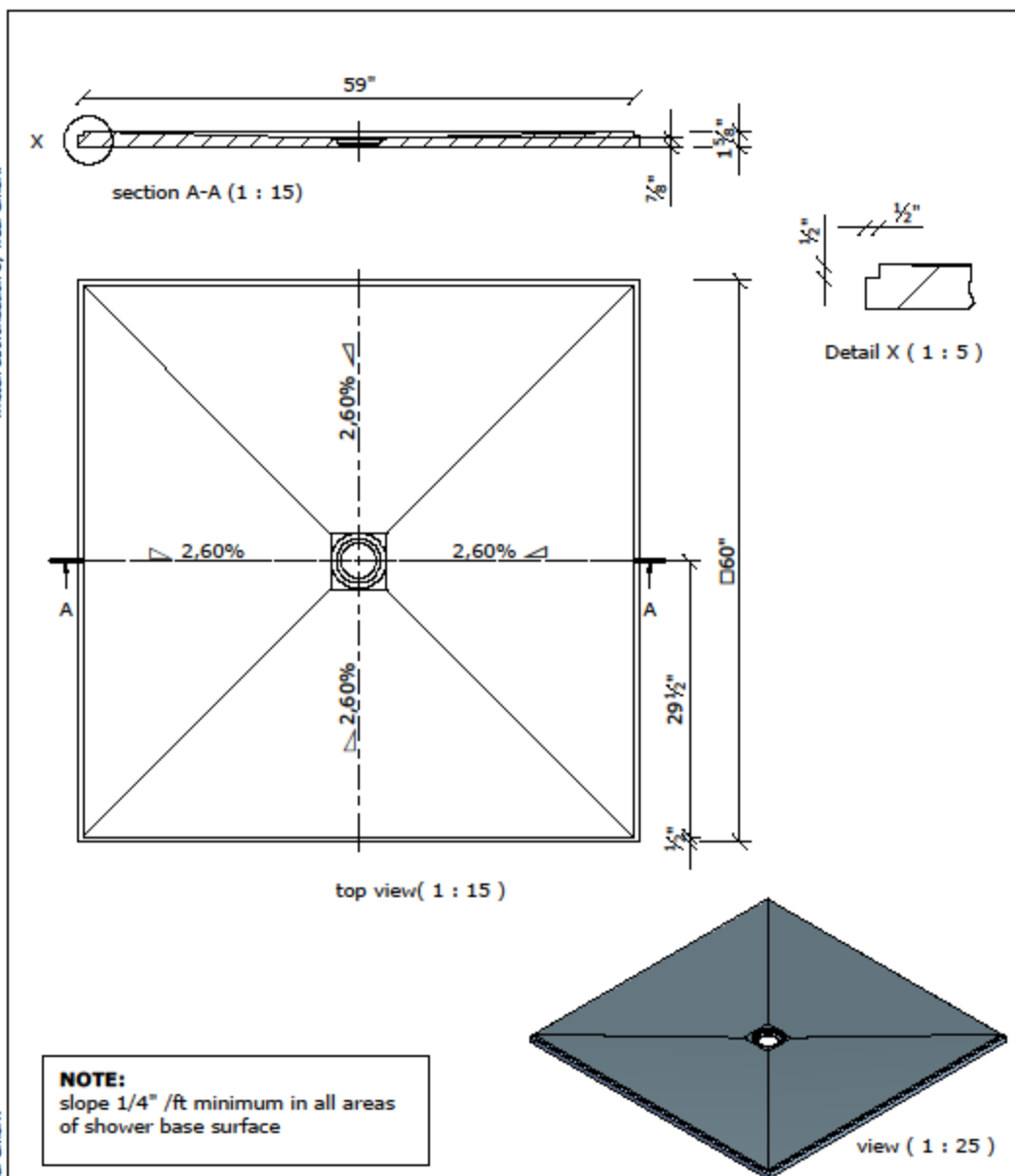
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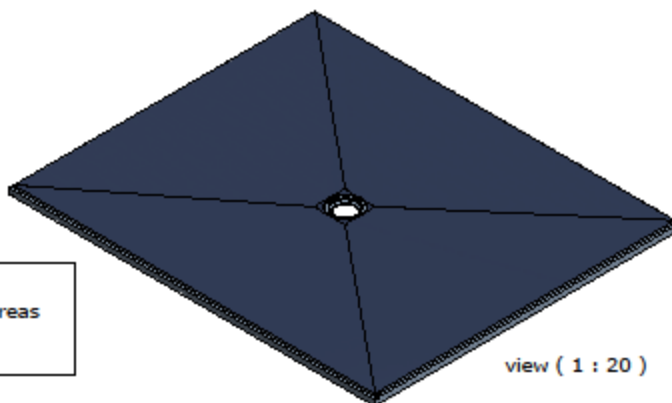
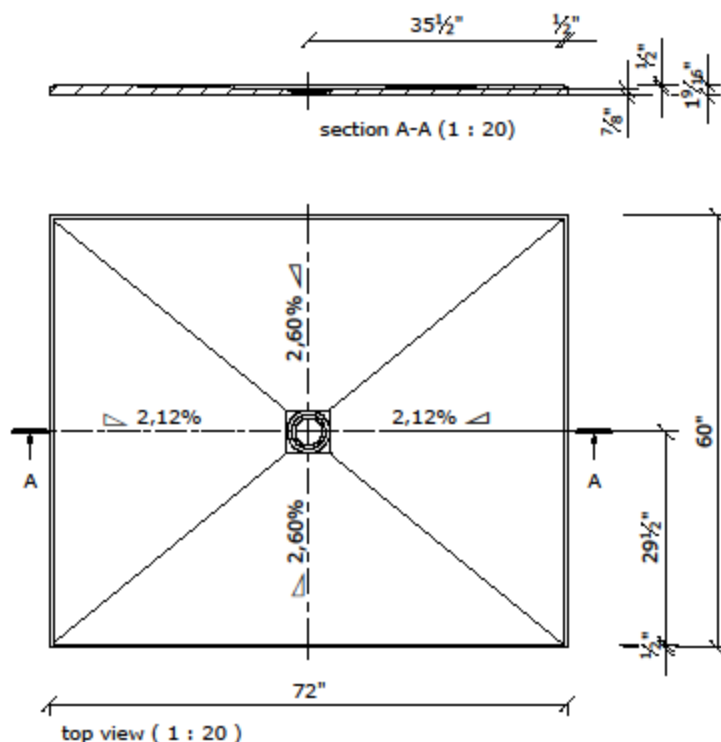
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Z 00 00 25 85				Benennung/ designation	
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BV/ BP :				Art: 07-37-35/518	
				<div> <div>wedi GmbH</div> <div>Hollefeldstrasse 51</div> <div>48282 Emsdetten</div> <div> <div>...</div> <div>wedi</div> </div> </div> <div> <div>wedi Vertrieb/ sales</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 133</div> <div>wedi Projektteilung/project dept.</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 239</div> </div>	
B	Anpassung Bem.	25.07.2014	L.S.	<div> <div>Fertigungszustand/ Bautoleranzen:</div> <div>finished condition/ tolerances:</div> <div>nach DIN 18202</div> </div>	
A	Standardisierung	02.05.2012	pd		
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Issue	modification	date	name	dimensions in inch	
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NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

Zeichnungsnummer Drawing Number				Z 00 00 25 86			Benennung/ designation		
Kunde/ client :				wedi corporation			wedi fundo USA 5' x 6'		
BV/ BP :							Art: 07-37-35/519		
					Datum date	Name name	<div>wedi GmbH Hollefeldstrasse 51 48282 Emsdetten</div> <div>...wedi</div>		
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				CAD/CAM Progr.					
B	Anpassung Bem.	25.07.2014	L.S.	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202			wedi Vertrieb/ sales		
A	Standardisierung	15.03.2012	pd				wedi Projektabteilung/project dept.		
Ausg. issue	Änderung modification	Datum date	Name name	Maße in Zoll dimensions in inch	DIN A4		filename: 073735519_FU_USA_5'x6'_Kundenzeichnung.lpt		
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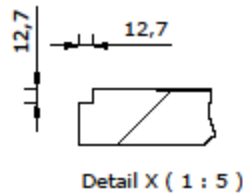
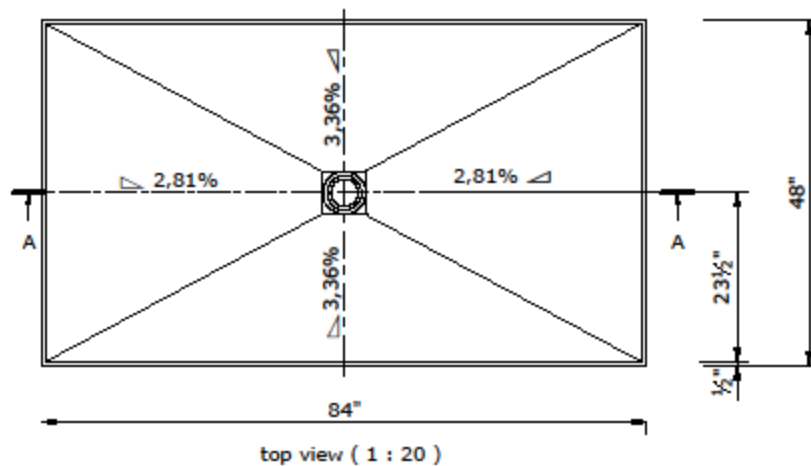
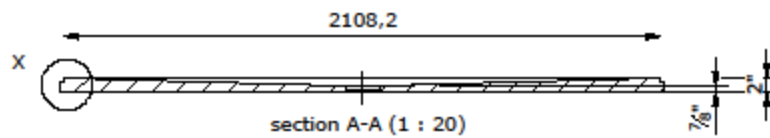
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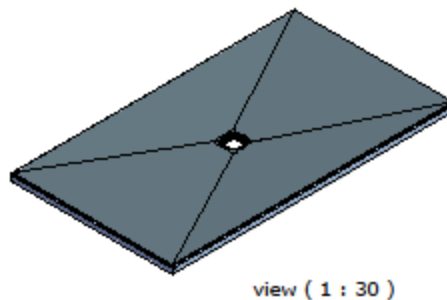
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of shower base surface



Zeichnungsnummer:
Drawing Number: **Z 00 00 42 94**
Kunde/ client : wedi corporation
BV/ BP :

Benennung/ designation
wedi Fundo USA 4' x 7'
Art: 07-37-35/522

Ausg. issue	Änderung modification	Datum date	Name name	Maße in Zoll dimensions in inch	DIN A4	filename: 073735522_FU_USA_4'X7'_Kundenzeichnung.lpt
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C	Maße	22.07.2013	ds	Fertigungszustand/ Bautoleranzen: finished condition/ tolerances: nach DIN 18202		
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A	Standardisierung	02.05.2012	pd			

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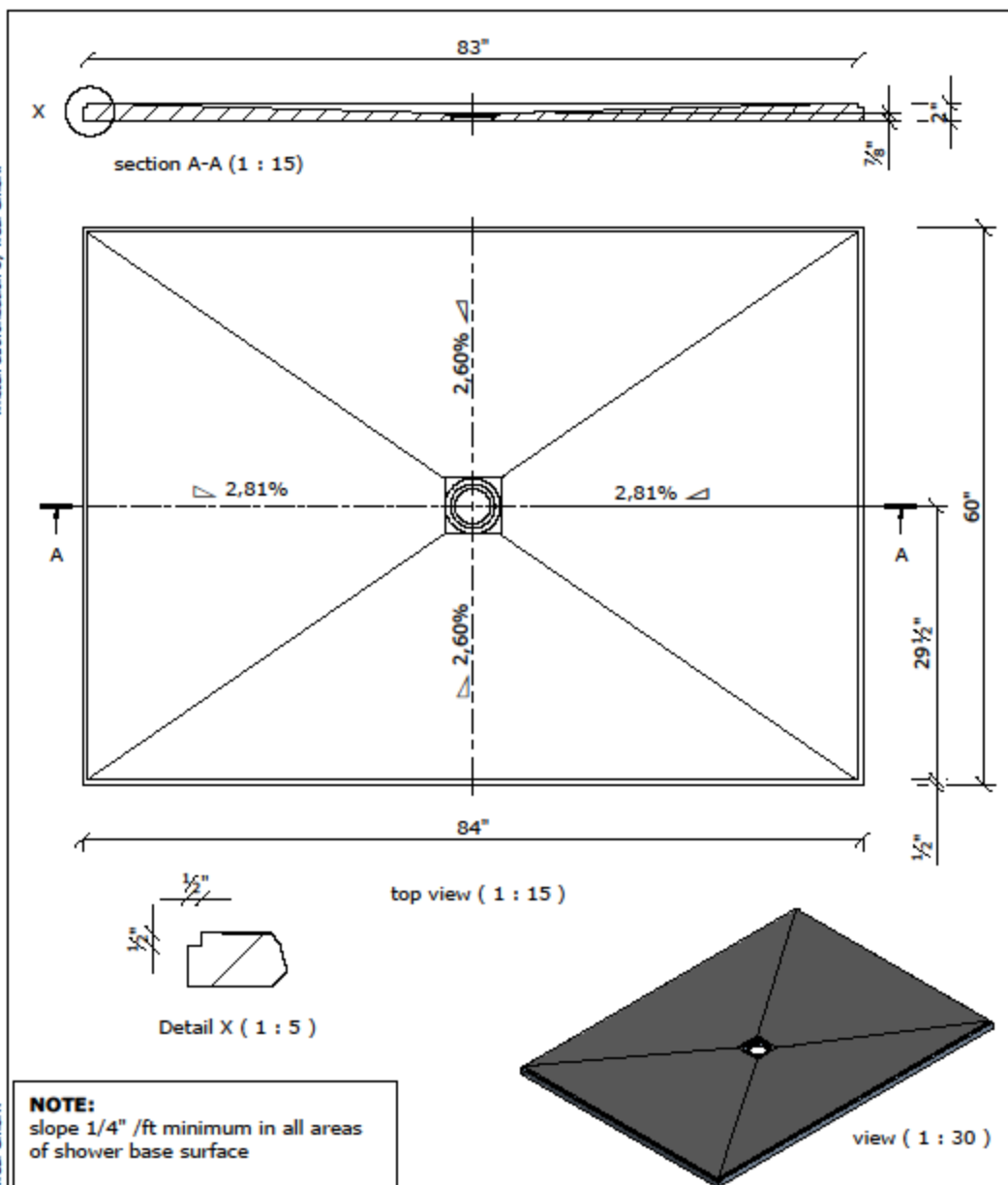
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NOTE:
slope 1/4" /ft minimum in all areas
of shower base surface

Z 00 00 42 95				Benennung/ designation	
Kunde/ client : wedi corporation				wedi fundo USA 5' x 7'	
BV/ BP :				Art: 07-37-35/523	
				<div> <div>wedi GmbH</div> <div>Hollefeldstrasse 51</div> <div>48282 Emsdetten</div> <div> <div>...</div> <div>wedi</div> </div> </div> <div> <div>wedi Vertrieb/ sales</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 133</div> <div>wedi Projektteilung/project dept.</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 239</div> </div>	
C	Anpassung Bem.	25.07.2014	L.S.	<div> <div>wedi GmbH</div> <div>Hollefeldstrasse 51</div> <div>48282 Emsdetten</div> <div> <div>...</div> <div>wedi</div> </div> </div> <div> <div>wedi Vertrieb/ sales</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 133</div> <div>wedi Projektteilung/project dept.</div> <div>Fon +49 (0)2572 / 156 - 0</div> <div>Fax +49 (0)2572 / 156 - 239</div> </div>	
B	Maße	22.07.2013	ds		
A	Standardisierung	15.03.2012	pd		
Ausg.	Änderung	Datum	Name	Maße in Zoll	DIN A4
Issue	modification	date	name	dimensions in inch	
				filename: 073735523_FU_USA_5'X7'_Kundenzeichnung.lpt	

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