The architectural concrete pavers offered in this catalog are manufactured in Wausau, Wisconsin by:

Wausau Tile, Inc.
PO Box 1520
Wausau, Wisconsin 54402-1520
wausautile.com
wusaupaving.com
wtile@wausautile.com
800-388-8728  Founded by
715-359-7456 Fax  Ed Creske in 1953

In the manufacturing process Wausau Tile hydraulically presses all of its pavers using a two-part mix. The face mix covers a minimum of 1/2” of total thickness of the paver. This allows for flexibility in creating over 20 different paver styles. Custom pavers are also available. The face mix will not wear away or separate from the back mix. The face mix will remain throughout the life of the paver. The back mix contains additives that increase overall paver strengths.

On the cover:
University of Minnesota Science Center, Minneapolis, MN

Wood Grain Pavers
Wausau Plank Style Pavers are available in all of our colors and finishes. Various lengths and widths can be made to order.

Typical Sizes:
- 3” x 12”
- 6” x 24”
- 3” x 24”
- 6” x 36”
- 6” x 12”
- 12” x 24”

Thickness: 2”-2.75”
Wausau EcoPremier Pavers are available in these sizes, in modular patterns and plank style pavers. Custom sizes available. Standard Thickness = 2" - 2.75"

Wausau EcoPremier Pavers feature recycled porcelain aggregate. The surface is sandblasted. Offered in seven standard colors (pages 2-5), with custom colors available.
Wausau EcoPremier Pavers are available in these sizes, in modular patterns and plank style pavers. Custom sizes available. Standard Thickness = 2" - 2.75"

Wausau Tile’s concrete based pavers with recycled glass or recycled porcelain may qualify for LEED credits that may contribute toward your project certification.
In 2012, Wausau Tile recycled over 1,300,000 pounds of porcelain that otherwise would be destined for the landfill.
Wausau UltraFace Pavers are shown in six colors. For a complete offering, visit www.wausaupaving.com. Custom colors are also available.

Wausau UltraFace pavers are available in these sizes, in modular patterns and plank style pavers, all with Shot blasted finish. Custom sizes available. “Quik Ship” items are stocked in 24” squares (2” thick) and ship within 15 business days based on availability. Standard Thickness = 2” - 2.75”
Wausau Textured Granite Pavers are available in six colors. Custom colors available.
UG-40  UG-50  UG-60
EnV Apartments, Chicago, IL
Wausau Textured Sand Pavers
are shown in six colors in 24” squares. Each is stocked for quick shipment within 15 business days, based on availability. Custom colors available. Standard Thickness = 2”

Wausau Textured Sand Pavers are available in six colors. Custom colors available.
Wausau Stoney Creek Pavers are shown in six colors (pages 12-15). Custom colors available.

Wausau Stoney Creek pavers are available in these sizes, in modular patterns and plank style pavers. "Quik Ship" items are stocked in 24" squares (2" thick) and ship within 15 business days based on availability. Standard Thickness = 2" - 2.75"

Wausaupaving.com • 800-388-8728
Wausau Stoney Creek Pavers
are shown in six colors
(pages 12-15). Custom colors
available.

Wausau Stoney Creek pavers are available in these sizes, in modular
patterns and plank style pavers. “Quik Ship” items are stocked in
24” squares (2” thick) and ship within 15 business days based on
availability. Standard Thickness = 2” - 2.75”
Wausau Granitex Pavers
are available in twelve colors and two series. (pages 16-19). Custom colors available.

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are shown in twelve colors and two series. (pages 16-19). Custom colors available.
Wausau Granitex Pavers are shown in twelve colors and two series. Custom colors available.

Wausau Granitex pavers are available in these sizes, in modular patterns and plank style pavers.

Standard Thickness = 2” - 2.75”
Main Street Plaza, Dallas, TX

GTX2-100

GTX2-110

GTX-120
Wausau ExpoStone Pavers are shown in six colors. Custom colors available.

Wausau ExpoStone pavers are available in these sizes, in modular patterns and plank style pavers. Custom sizes available. Standard Thickness = 2” - 2.75”
Wausau ExpoGranite Pavers are shown in three colors. Custom colors available.

Wausau ExpoGranite pavers are available in these sizes, in modular patterns and plank style pavers. Custom sizes available. Standard Thickness = 2” - 2.75”
Wausau Exterior Terrazzo Pavers are shown in five colors and standard finishes: ground, shotblast and sealed. Custom colors available.

Wausau Exterior Terrazzo pavers are available in these sizes and plank style pavers. Custom sizes available. Standard Thickness = 2” - 2.75”
Xcel Plaza, Minneapolis, MN

ET-40

ET-50
Wausau SeaShell Pavers are shown in five colors. Custom colors available.

Wausau SeaShell pavers are available in these sizes and plank style pavers. Custom sizes available. Standard Thickness = 2” - 2.75”
Wausau CoolSeries Pavers are shown in six colors. Custom colors available. Cool pavers have a minimum 78% solar reflectance index (SRI). Available with different surface textures as shown on page 56.
Target, Atlanta, GA

C-30 (SRI 93.2)  C-40 (SRI 92.2)  C-50 (SRI 87.1)
Wausau Washed Glass Pavers are shown in five colors. Custom colors available.

Wausau Washed Glass pavers are available in these sizes, in modular patterns and plank style pavers. Custom sizes available.
Standard Thickness = 2” - 2.75”
Wausau Blasted Glass Pavers are shown in five colors. Custom colors available.
South Los Angeles City Hall, Los Angeles, CA

BG-40

BG-50
Wausau Ballast Pavers are shown in four colors. Custom colors available.

Wausau Ballast pavers are available in these sizes, and in modular patterns. “Quik Ship” items are stocked in 24” squares (2” thick) and ship within 15 business days, based on availability. Standard Thickness = 2” - 2.75”
Coloplast, Minneapolis, MN
Wausau Detectable Warning Pavers are shown in twelve colors and five patterns (pages 36-39). Custom colors available. Wausau Detectable Warning Pavers are also available with a flat finish.

ADA-2 Pavers are State of California Title 24 compliant.

Wausau Detectable Warning pavers are available in 12” and 24” squares. Custom sizes available. “Quik Ship” items are stocked in 12” squares (2” thick) and ship within 15 business days based on availability. Standard Thickness = 2” - 2.75”
Available Patterns:

- Tactile Warning
- Directional Bar

ADA-1

ADA-2

ADA-3

A-40 (33538 Federal Yellow)
Wausau Detectable Warning Pavers are shown in twelve colors and five patterns (pages 36-39). Custom colors available. Wausau Detectable Warning Pavers are also available with a flat finish.

ADA-2 Pavers are State of California Title 24 compliant.
Detectable Warning Paver Designs and Patterns

ADA-1 Staggered Pattern

12" ADA-1 PAVER

ADA-2 Straight Row 2.375" Spacing Pattern

12" ADA-2 PAVER

24" ADA-2 PAVER
Detectable Warning Straight Row 1.67” Spacing Pattern

12” ADA-3 PAVER

24” ADA-3 PAVER

Directional Bar Pattern

Tactile Warning Pattern

*Details available for download at www.wausaupaving.com
1) Prepare area to receive concrete and detectable warning pavers.

2) Drive in rebar to the approximate height to receive Wausau Tile's block out frame. The frame work has small feet to help locate where rebar should be located.

3) Set block-out frame so rebar sits inside the frame legs.

4) Set block-out frame to final grade by tapping on frame work.

5) Pour concrete into and around frame work. Level concrete and bull float area.

6) Level concrete with a straight edge inside of the frame work - adding concrete as needed. Note: Standard frame designed for 2” thick paver.


8) Allow concrete to cure. Use the following guidelines based on installation method. Note: If using wet set, do not allow concrete to cure.
Detectable Warning Guide for Sand Set Installation with Wausau Tile’s Reusable Block-Out Frame

Step #1 - Sand Set Installation - Create weep holes for drainage. Core drill hole once concrete has set or, while concrete is still wet, make a hole with pipe.

Step #2 - Sand Set Installation - Add masonry sand to recessed area.

Step #3 - Sand Set Installation - Screed 1/4" masonry sand.

Step #4 - Sand Set Installation - Set pavers in sand. Leave 1/16" to 1/8" between units to allow for sand.

Step #5 - Sand Set Installation - Sweep sand into joints after installation.

Complete.

Main Block Out-Frame
24" x 36"

Extension Block Out-Frame
12" x 24"

12" Standard Blok-handle
24" Also Available
Detectable Warning Paver Guide for Thin Set Installation with Wausau Tile’s Reusable Block-Out Frame

Step #1 - Thin Set Installation - Apply thin set with 1/4” x 3/8” notched trowel. Exterior grade.

Step #2 - Thin Set Installation - Spread fully and evenly.

Step #3 - Thin Set Installation - Set pavers. Be sure pavers are fully set into thinset. (Back buttering may be necessary).

Step #4 - Thin Set Installation - Grout all joints with an exterior based grout or caulk. Complete.

Detectable Warning Paver Guide for Wet Set Installation with Wausau Tile’s Reusable Block-Out Frame

Step #1 - Wet Set Installation - While concrete is still wet, embed pavers into cavity.

Step #2 - Wet Set Installation - Level pavers by tapping with rubber hammer. Note: Joints may or may not be grouted; contractor option.

Complete.
In-House Testing Facility

Every job is tested before it leaves.
WAUSAU
Terra-Lok®
PAVERS

Terra-Lok® pavers are available in 26 colors. They may also be ordered with 100% recycled porcelain aggregate (shown in the saw-cut paver to the right). Terra-Lok® pavers shown are manufactured in nominal 4” x 8” x 2 3/8” thick size and in other shapes. Inquire at 800-388-8728 or visit our website. Custom colors available.

The two-part design provides tighter control of surface aggregate, improving the overall look of the surface, compared to single mixes.

The two-part mix allows more pigment to be added to the top layer for a richer color that won’t fade.
Wausau Lok-Down pavers are designed for high-wind conditions. The system is adaptable to any Wausau paver in 24” squares, custom sizes are available. Lok-Down assembly is available in any of the colors below or in special order white.

LD-10 (Cream)  
LD-20 (Tan)  
LD-30 (Gray)

Wausau Lok-Down pavers are available in standard 24” squares. Thickness = 2”  
Wausau Tile’s exclusive wind uplift data is based on 24” Sq. x 2” thick pavers only.
1. Set Grid Marks. Set Lok-Downs every 8-16 ft (Note: If using a Terra-Stand, set pedestal first. Follow Terra-Stand. Installation Instructions.)

2. Set Balance of Lok-Down Base Plates. (Note: If using Terra-Stands, set Lok-Down base units on shims and pedestal tops.)

3. Set Lok-Down Pavers on the base plates. Be sure to align recess on back side of paver with the domes on the Lok-Down base plate.

1B. Assembly of the Terra-Stand with the base of Lok-Down on the top of the pedestal with rubber shim plate. **See Terra-Stand guide for pedestal assembly.**
LOK-DOWN INSTRUCTIONS

Complete Lok-Down System Model

4. Install Screw into Lok-Down with a Hex bit. Tighten down to 70 psi maximum. Do not over tighten.

4B. Check after tightening screw that it has a maximum 70 psi rating with a torque wrench. Top cap of Lok-Down to be flush with paver surface.

*Install Paver Termination Bar along wall. Termination Bar (supplied by others)

5. Sealant (By Others)
   Pre-Slotted Holes 6" OC
   *Extruded Termination Bar 12' Lengths
   WT Terra-Tab

6. Lok-Down Paver
   Recess on Paver for Lok-Down Top Plate
   Lok-Down Assembly

Top View of Lok-Down
Wausau Modular Patterns

pavers are available in all
colors and finishes. Details
shown are sectional only.

MOD-1
12, 18, 24 sq, 6 x 18, 6 x 24 and 12 x 24 inches

MOD-2
6, 12, 18, 24 sq and 6 x 12 inches

West Point Academy, West Point, NY
**MOD-3**
6, 9, 12, 18 sq, 6 x 12, 9 x 18 and 12 x 18 inches

**MOD-4**
6, 12, 18, 24 sq, 6 x 12 and 12 x 24 inches

**MOD-5**
6, 12, 18, 24, 30, 36 sq and 6 x 12 inches
Wausau Permeable Pavers
are 12” square, and are available in all colors and finishes, except ADA patterns. Thickness = 2.375” - 2.75”

Wausau Turfstone Pavers
are nominal 24” x 16” x 3.25” stocked in gray; custom colors available.
Wausau Permeable Pavers-2 are designed using both A and B, both approximately 14” in length, and are available in many colors and finishes, except ADA patterns. Thickness = 2.375” - 2.75”

Permeable Terra-Lok are available in 26 colors. They may also be ordered with 100% recycled porcelain aggregate. Permeable Terra-Lok pavers are manufactured in nominal 4” x 8” size (3 7/8” x 7 7/8” x 3 1/4” thick).
**Wausau Accent Pavers** can be custom designed in any standard size. All surfaces can be produced in all colors. Custom colors available. Customers may also choose from special patterns already created by Wausau Tile.
Old Town Streetscape, Chicago, Illinois
Wausau Engraved Pavers carry your custom lettering and artwork. Engraving is epoxy filled. Available in select architectural precast pavers or on Terra-Lok pavers (see pages 46-47). Perfect for your donor recognition project.

Wausau Engraved pavers are available in these sizes and plank style pavers. Custom sizes available. Standard Thickness = 2” - 2.75”
Steven J. Hamilton
and
Pamela J. "Whamo" Hamilton
Yankton (KYKN), SD

"Mr. Skyhawk"

We dedicate this playground to Braxton Smith.
For your creativity and hard work.

Custom Engraving
Installation

The most economical method for installing architectural pavers is sand setting. It also allows for easy replacement, repair and adjustment. Sand-set installation can be used where soils are well drained and settling is not expected. Proper compaction of the setting bed and the gravel sub-bed is mandatory. For stability, the sand bed should be no thicker than one inch. Joints should be 1/16" to 1/8", and filled with swept sand. Perimeter restraint is recommended. Bituminous installation is indicated where greater stability is required.
**Wausau Sand-Set Installation**

- Typical joint is 1/16” to 1/8”
- Typical edge condition is 3/16” chamfer
- Wausau architectural paver
- Sand setting bed (3/4” - 1” thick)
- 6”-8” compacted road-grade gravel (#6)

For pavers installed on an incline, a filter cloth is recommended to stabilize the setting bed.

For vehicular applications:
Use 12” square pavers (2 3/4” thick) and 8”-12” compacted road-grade gravel (#6).

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**Wausau Bituminous Installation**

- Typical joint is 1/16” to 1/8”
- Typical edge condition is 3/16” chamfer
- Wausau architectural paver
- 2% modified neoprene tackcoat
- 3/4” thick bituminous setting bed
- 4” concrete or 2”-4” bituminous binder
- 6”-8” compacted road-grade gravel (#6)

For vehicular applications:
Use 12” square pavers (2 3/4” thick), 6” concrete or 3”-6” bituminous binder and either 8”-12” compacted road-grade gravel (#6) or 10”-12” compacted gravel.
**Wausau Tab Installation**

- Typical joint is 1/16" to 1/8"
- Typical edge condition is 3/16" chamfer
- Wausau architectural paver
- Tab
- 60 psi min. insulation or protection board (optional)
- Waterproof membrane
- Structural base

For pedestrian loading only.

**Wausau Pedestal Installation**

- Typical joint is 1/16" to 1/8"
- Wausau architectural paver
- 60 psi min. insulation or protection board (optional)
- Waterproof membrane
- Structural base
- Tab on pedestal system or waffle reducer

For pedestrian loading only.

Terra-Stand is a registered trademark of Wausau Tile, Inc.
**Wausau Mortar Thin-Set Installation**

- Typical edge condition is 3/16" chamfer
- Wausau architectural paver
- Latex thin-set mortar (per manufacturer’s recommendations)
- 4"-6" concrete
- 6"-8" compacted road-grade gravel (#6)

For vehicular applications:
Use 12" square pavers (2 3/4" thick), 6"-8" concrete and 8"-12" compacted road-grade gravel (#6).

*Follow current TCNA guidelines

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**Wausau Mortar Thick-Set Installation**

- Typical edge condition is 3/16" chamfer
- Wausau architectural paver
- Slurry bond coat
- 1 1/4" mortar bed with reinforcing
- 4"-6" concrete
- 6"-8" compacted road-grade gravel (#6)

For vehicular applications:
Use 12" square pavers (2 3/4" thick), 6"-8" concrete and 8"-12" compacted road-grade gravel (#6).

*Follow current TCNA guidelines
The Wausau pedestal system provides height adjustment from 3/8” to 21”. Slopes up to 5/8” per foot are allowed. Maximum load per pedestal is 3,000 pounds.
Spacers
Available in 1/8", 3/16" and 1/4" sizes

Tabs
Available in 5", 6" and 7" squares with 3/16" or 1/8" joint spacing.

Waffle-Reducer
Thicknesses from 3/8" - 2"

Shims
Available in 1/16", 1/8", 1/4" thickness
Level Installation Using Terra-Stand®

1- After establishing your paver grid marks, set Quadrant Pedestals every 8’ to 16’. Use a transit or laser level to set height. For cutting and leveling these pedestals, see details 2, 3 and 4.

2- Cut Terra-Stand core with a chop saw; cut should be made on the perforated cut lines. The open end (top) of the core unit should be cut and discarded.

3- Assemble Terra-Stand unit; hand tighten 3/4” nut. Do not over tighten nut. Unit is threaded correctly when core can be seen through the hole in the neck of the top piece. Use pencil to determine if the core is threaded adequately.

4- Slide pedestal under laser line or straight-edge placing base grooves on chalk lines. Level top of Terra-Stand, in both directions, with level. Once level, tighten 3/4” nut with socket wrench or core wrench (shown).

5- Once quadrant pedestals are set, take a straight-edge that can span the distance between the quadrant pedestals and mark the locations where the center of the intermediate pedestals should be placed.

6- After the core is cut and the Terra-Stand is assembled (details 2 and 3), slide line course pedestal under the straight-edge and adjust up by turning the top, making full contact with the straight-edge. Once the pedestal is set to height, tighten nut as shown in detail 4.
7- After the Line Course Pedestals are set, you can then install the Stretcher Course Pedestal in the same way as described in details 6 and 7.

8- Fully installed pedestals:
   - Quadrant Pedestals (Orange)
   - Line Course Pedestals (Blue)
   - Stretcher Course Pedestals (Yellow)

9- Set #5 or #6 Terra-Tabs on Terra-Stand where you expect to set pavers for that working day.

10- Run two or three rows of pavers down the middle of the deck in both directions. Keep pavers straight with laser.

11- Fill in the Quadrants of the deck as shown above with red pavers.
1. Using a laser, determine final height of pedestal. Deduct for tab and base/top assembly. Cut core on the closest perforated cut line under this measurement.

2. Cut Terra-Stand core with a chop saw; Cut off and discard open end.

3. Assemble Terra-Stand unit; hand tighten 3/4" nut. (Do not over tighten)

4. Slide pedestal under laser line or straight edge placing base grooves on chalk lines. Check inspection hole for threaded core.

5. Level Terra-Stand in both directions with a carpenter or torpedo level. Be sure threads show in the inspection hole. (see figure 9)

6. Once top is level tighten nut with core wrench or 3/4" socket.

7. Make final adjustments to Terra-Stand as needed. Check inspection hole with pencil/pen to ensure threads are engaged with top. (see figure 9)

8. Installing contractor to check each Terra-Stand unit to ensure each core and top have enough threads engaged for support.

9. Set #5 or #6 Terra Tab on top of the Terra-Stand unit.
**Waffle Reducer Instructions**

1. The reducer assembly consists of a base unit with 4 rings for height adjustments between 5/8” and 2 1/2”. Additional base units are available in full box quantities.

2. Setting base plate on surface, stack reducer rings over each other until required height is approximately reached.

3. Center reducer unit on chalk line(s) previously established for paver layout.

4. Use laser line or equivalent to establish final project grade. Subtract thickness of paver and support unit (Terra-Tab) to determine final reducer height required.

5. Use 1/8” shim plate under reducer, when required, to level with laser line. (Shims are scored to allow field cutting)

6. Check level of reducer in both directions. Make any necessary adjustments required using 1/8” shim plate (see #4).

7. Place Terra-Tab paver support unit on top of reducer and install pavers. See back of instructions for details.

8. Occasionally height limitation is less than what the reducer or Terra-Tab can accommodate. (See step 9)

9. When height clearance is limited, the use of 1/8” shim plates with 3/16” or 1/8” spacers may be required.
Installation DETAILS

Wausau Tab at Joint

- Tab
- Paver
- Protection coarse
- Membrane/Waterproofing
- Insulation 60 PSI (min)
- Approved substrate
- Insulation may be installed below or above the membrane

Wausau Pedestal with Tab at Wall

- Sealant
- Metal flashing Tab 1/2 Unit
- Paver
- Protection coarse
- Stand
- Membrane/Waterproofing
- Insulation 60 PSI (min)
- Approved substrate

Wausau Tab at Wall

- Sealant
- Protection coarse
- Sealant
- Membrane/Waterproofing
- Insulation 60 PSI (min)
- Approved substrate
Water-jet Technology is the quickest, most efficient method of cutting pavers to achieve the ultimate in design accuracy and eye appeal.

The water is filtered, compressed and emitted at ultrasonic speed. The result is a jet stream that cuts cleanly with no rough edges.

Arcs, circles and other intricate designs can be cut using the precise water-jet cutting techniques to create a work of art with pavers.
Wausau Tile Inc. also manufactures custom precast concrete to the highest standards of quality and service.