



QUALITY POOL PRODUCTS & MORE

Specification Language for AMR 625 375 or to be used as Submission Language for Similar Substitution Consideration

This is our interlocking injection molded grating with 38% open surface and is 1" in depth.

The PVC grating shall be formed in sections, each 12" in length. Modular, interlocking pieces of UV stabilized PVC grating. The top surface shall have a raised, ridged design to create good friction, wet or dry and be 5/8" wide with an outside depth of 1" and a middle depth of 1 1/2" for extra strength. The spaces between pieces shall not exceed 3/8". Each piece of grate shall have two side tabs to interlock that grate to the next one and be installed perpendicular to the wall with the gutter. Grating is to be attached using 3" o using SS hardware and PVC fasteners. Grating surface bars shall provide 37% open space per foot for unrestricted water flow. The color of the grate shall be selected by the Architect. Grating shall be manufactured by Grate Ideas if America LLC .

Five (5) Year Warranty

Grate Ideas warrants that this product has 5 year No-Fault Warranty, that starts from the date of installation and covers failures caused by accidental damage, customer abuse and even improper installation. This warranty is only available to the original end use customer.

For whatever reason, during the first five years following installation, Grate Ideas will repair or replace damaged and/or failed components of its America The Grate product.

Ten (10) Year

Grate Ideas, Inc. warrants that all P.V.C pool grates will be free from defects for a period of ten years from the date of manufacture. Grate Ideas will repair or replace at its discretion any material found to be defective during the warranty period:

- 1) The material must be pre-approved for return.. Call 800-292-6044 for RMA#.*
- 2) Material shall be packaged to prevent damage during shipping.*
- 3) Material is to be returned prepaid.*

Exclusions & Limitations

- 1) This warranty does not apply to replacement necessitated by misuse and negligence.*
- 2) The manufacturer shall not be liable for incidental or consequential damages such as, (but not limited to) expenses for telephone, travel, legal, or damage to personal property, loss of time or inconvenience.*

No other warranties other than as set forth herein is represented by the manufacturer nor is any person authorized to make any representation of any expressed or implied warranty on its behalf

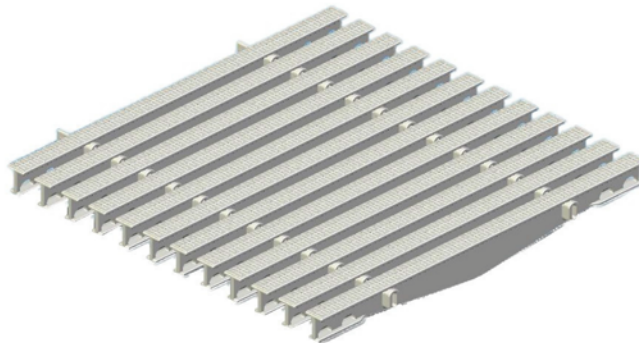


Grate Ideas

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Ph: 800-292-6044
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info@grate-ideas.com

POOL GUTTER GRATING SYSTEM

- A. Specified Manufacturer: Grate Ideas Inc.; Tel 1 800 292-6044 www.grate-ideas.com
"America the Grate" product line.
- B. Wide Pool Grate:
1. Modular, interlocking pieces of PVC, U.V. stabilized grating.
 2. The top surfaces shall have a raised anti-skid design, to create good friction, wet or dry and be 5/8" wide with an outside depth of 1 inch and a center depth of a minimum of 1 5/8 inch for extra strength.
 3. The spaces between the injected molded pieces shall not exceed 3/8" of an inch.
 4. Each piece of grate shall have a slotted hole at the ends for insertion of a fastener clip, with anchor screws at least every 3 feet and shall be easily removable.
 5. Grating bars must run perpendicular to the pool wall.
 6. Grating shall provide at least 35 percent open-area for unrestricted water flow.
 7. Angled Corners:
 - a) Angled corners, including 90 degree, 45 degree, and all other angles shall be provided by the grating manufacturer.
 - b) Corners shall come factory mitered and pre assembled on a PVC support plate with holes drilled for water flow.
 8. Radius: Grating will conform to radii as small as 24" to inside of gutter at 12" widths.
 9. Color: To be selected by Owner from manufactures standard colors.

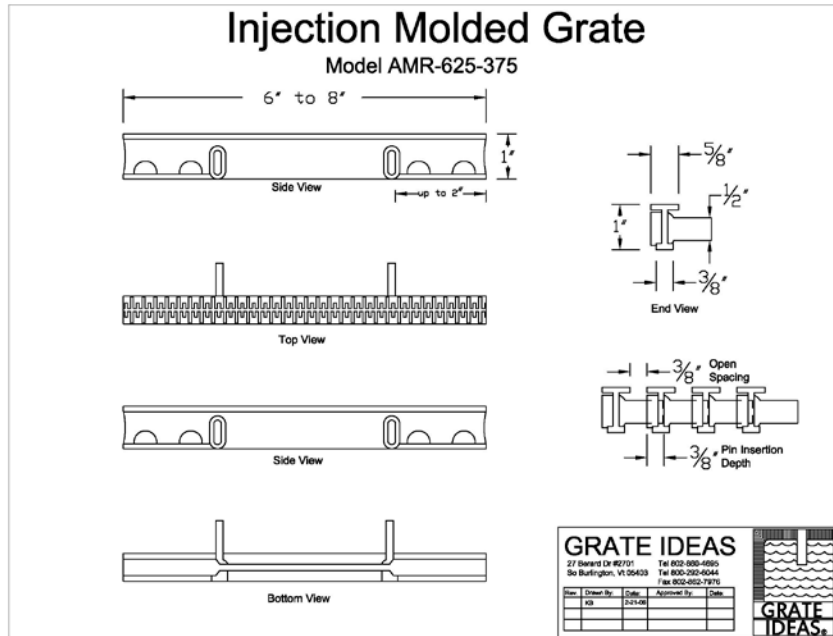


Radius Grating

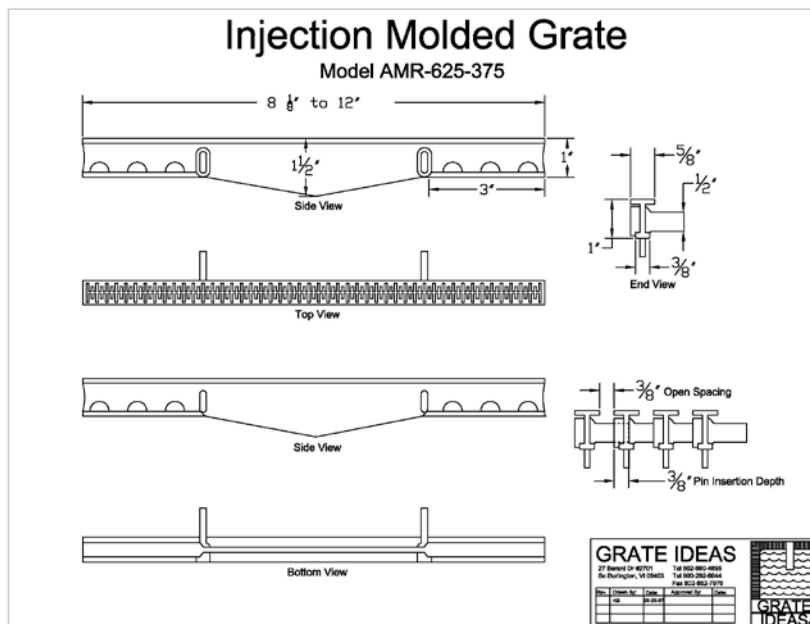


Radius available for any width and easily customizable on site.
Radius can be as small as 24" inside on a 12 " wide gutter.

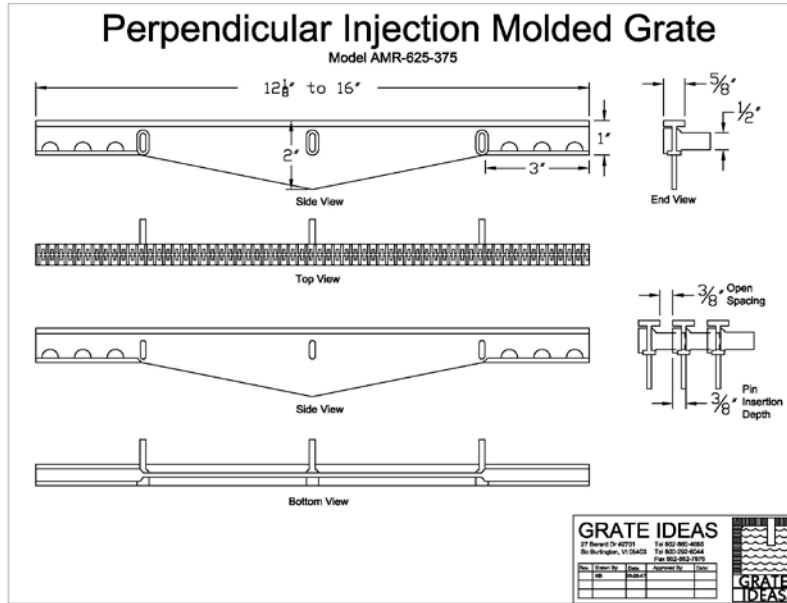
Configuration Based On Size
Less than 8" wide



8 1/8" to 12" WIDE

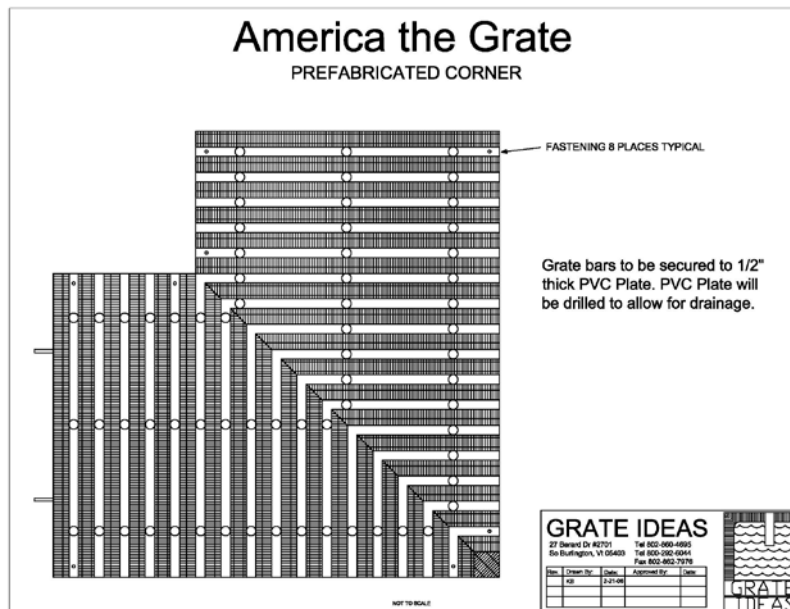


12 1/8" to 16" WIDE



Prefabricated Corners

Grates are available in any width, measured to 1/8". All corners are mitered with matching anti skid grate. Additional PVC Flat stock support is riveted, using 316 Stainless Steel rivets, to the underside in support. Corners are made to order to accommodate any angle.





GRATE IDEAS

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DETAILS, DETAILS, DETAILS ...

Information and Specifications on Grate Ideas® Gutter Grates

“America the Grate”

All “America the Grate” style grates are manufactured from an MBS Modified Rigid Vinyl injection compound produced especially for the swimming pool environment. The formulation used yields a high impact product.

The best colorfast pigments are used in association with the ultra-violet resistant additives to allow the grates to be made available in color combinations which can be used both in indoor and outdoor installations.

TYPICAL PHYSICAL PROPERTIES:

SPECIFIC GRAVITY	ASTM D792	1.45 +/- 0.03 *
DUROMETER (HARDNESS SHORE D)	ASTM D2240	82 +/- 3
TENSILE (PSI)	ASTM D638	5800 min.
TENSILE MODULUS (PSI)	ASTM D638	350,000 min.
DROP WEIGH IMPACT (in. lb./mil)	ASTM D4226	
	METHOD A	0.8 min.
	METHOD B	2.0 min.
TYPICAL MOLD SHRINKAGE (%)		0.5
FLAMMABILITY UL94		V-0

* Specific gravity will vary dependant on color.

A raised non skid surface is a standard feature on Grate Ideas® “America the Grate” product line.

The following colors are inventory material and readily available.

A01 White, A02 Almond, A03 Light Blue, A04 Gray, A05 Sand

Other colors are available, but may be subject to a surcharge or a minimum run.



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Care and Maintenance of PVC Grate Assemblies

Grate Ideas® PVC grate assemblies are designed and manufactured to be virtually maintenance free. The formulation of the PVC used in our products allows the user to maintain these assemblies as they would with any other pool equipment.

There are no specific cleaners or methods needed to clean these assemblies. If required, use only approved aquatic cleaning products that will not react with pool chemicals. Abrasive cleaners or use of abrasive cleaning medium is not recommended as it may deteriorate the non-slip surface over time.

Grates should always rest upon the trench evenly, and should not rock or wobble while in the trench. If fasteners are used ensure that the fasteners remain secure.