General Printing Specifications

- Digital submissions only—PDF files are preferred.
- Color Mode—CMYK.
- Resolution—300 dpi/px.
- Standards—AAAA/MPAA/ABP standards.
- Electronic Output—One output from disk or email per advertisement included. $45 per color additional charge to re-output due to missing or incorrect materials.
- Media—Positive print copy and SWOP color keys are recommended but not required. PDF files are preferred. (Note: Publisher does not accept Microsoft Word, Microsoft Publisher, and Microsoft PowerPoint files.)

Publishing Details

1. Bleeds & Spreads—Keep live matter 3/8-inch (0.375) from trim, head, foot and binding edge. Keep crop marks and printer marks outside of the plate area.
   *All measurements in inches.
2. Negatives—Not accepted.
3. Guidance Materials—For all color advertising (two or more colors), a Match Print, Chromalin, Fuji or similar SWOP proof with color bars on publication proofing stock is recommended. For all black/white advertising, a hard copy (print-out) should be provided.
4. Trim & Bleeds—Trim sizes are as follows:
   - [DWM], AGRR™, PPfMAG and WINDOW Film magazines
     
There should be a bleed tolerance of 1/8-inch (0.125) and margin tolerance of 3/8 inch. Keep crop marks and printer marks outside of the plate area.
   *All measurements in inches.

Closing & Publication Dates

- For Space/Materials—See individual issues and months.
- Cancellations—Cancellations are accepted up until the cancellation date except for non-cancellable contracts. The cancellation date for monthly publications is either the first day of the month prior to the issue date (for example, February 1 for the March issue), or the advertising deadline, whichever is earlier. The cancellation date for magazines printed less than monthly is the first of the month, one month prior to the first month of issue date or the advertising deadline, whichever is earlier (for example, February 1 for the March/April issue). Non-cancellable contracts may not be cancelled and charges will still apply even if the ad is not published. Pre-paid contracts are non-cancellable.
<table>
<thead>
<tr>
<th>Layout Type</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Page Spread</td>
<td>17 x 11(\frac{1}{8}) w/ bleed</td>
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<tr>
<td>Full Page</td>
<td>8(\frac{5}{8}) x 11(\frac{1}{8}) w/ bleed</td>
</tr>
<tr>
<td>Island</td>
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</tr>
<tr>
<td>Half Horizontal</td>
<td>7(\frac{1}{8}) x 4(\frac{3}{4})</td>
</tr>
<tr>
<td>1/4 Square</td>
<td>3(\frac{1}{2}) x 4(\frac{3}{4})</td>
</tr>
<tr>
<td>1/3 Square</td>
<td>3(\frac{1}{2}) x 4(\frac{3}{4})</td>
</tr>
<tr>
<td>Half Vertical</td>
<td>2(\frac{3}{8}) x 9(\frac{3}{4})</td>
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<tr>
<td>Vertical</td>
<td>3(\frac{1}{2}) x 4(\frac{3}{4})</td>
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<tr>
<td>Half Horizontal</td>
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<tr>
<td>1/4 Square</td>
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<tr>
<td>AGRR</td>
<td>[DWM]</td>
</tr>
</tbody>
</table>
Terms and Conditions — Print Specifications

As used in this section of the Media Planner, the term “Publisher” refers to Key Media & Research.

1. Rates—All insertion orders accepted are subject to provisions of our current rates as detailed herein. Rates are subject to change at any time upon notice from the Publisher.

2. Cancellations—Cancellations or changes in orders may not be made by advertiser or its agency after the cancellation date(s). All cancellations must be made in writing and faxed to 540/720-5687 by the cancellation date. Any cancellation must be made in writing with a written acknowledgment sent from Publisher. Any cancellation of space reservations in whole or part by advertiser will result in an adjustment of the rate (short-rating) to reflect the actual space used at that earned frequency or volume rate and at the 2021 gross rate. In the event a cancellation is received after the cancellation deadline and no materials have been submitted, a net cancellation fee of $2,000 per advertisement will be due and payable, except for non-cancelable ads. Non-cancelable, pre-paid contracts and/or premium positions may not be cancelled for any reason and charges will still apply even if the ad is not published.

3. Agency Commissions—Fifteen percent of gross billings is allowed to recognized agencies on space, color and position, provided the invoice is paid within 30 days. If an invoice remains due beyond 60 days, the 15-percent agency discount is forfeited and the gross amount becomes due and payable immediately. Production changes are not commissionable.

4. Short Rates and Rebates—Advertisers will be short-rated if, within a calendar year, they do not use the amount of space upon which their billings have been based. Short rates will be based on frequency earned against published rates. Rebates will be earned and applied to billings, when, in a 12-month period following the first insertion, the advertiser runs sufficient space to qualify for the lower rate. Such adjustments shall be made based on the number of ads published, not the number contracted.

5. Indemnification—Advertisers are accepted upon representation that an advertiser and its agency have the right to publish the contents thereof. In consideration of such publication, advertiser and its agency agree to indemnify and hold Publisher harmless against any expense or loss by reason of any claims arising out of publication.

6. Approval—All advertisements are subject to Publisher’s approval. Publisher reserves the right to reject or cancel any advertisement, insertion order, space reservation or position commitment at any time with or without cause. Publisher reserves the right to insert the word “advertisement” above or below any copy as it deems necessary and to include outserts, cover wraps, false covers or belly bands on issues.

7. Acceptance—All insertion orders for advertising are accepted subject to the terms and provisions of this Media Planner. Publication of the advertisement represents acceptance of the order. The Publisher will not be bound by any condition, printed or otherwise, appearing on any order blank, insertion order, contract provided by advertiser or agency when they conflict with the terms and/or conditions of this document. Any insertion of advertising made by the agency or advertiser represents acceptance by both the agency and the advertiser of all terms and conditions of this document. Failure of the advertiser and/or agency to make the order conform in price or otherwise to the rate schedule herein is regarded only as a clerical error and publication of the advertisement will be made and charged for upon the terms and conditions set forth in this Media Planner. The Publisher will not honor rates or data derived from other sources unless in conformance with this document.

8. Contract Terms—Frequency and other discounts remain in effect only for completed contracts. Contracts that are cancelled or reduced in size are “short-rated” and ads already published will be billed at published rates. Value-added considerations will also be billed at published rates.

9. Deadlines—Advertisements received after the issue closing date will not be subject to usual review and quality checks by Publisher prior to printing and may incur charges associated with late insertions.

10. Positioning—Positioning of advertisements is at the discretion of Publisher except when a paid preferred position has been ordered with premium payment. No other placements are guaranteed.

11. Right of Refusal—An advertiser with a 6-month or more contract on a paid preferred position will have the right of refusal for the same space. The right of refusal will end 30 days prior to the contract end date or 15 days after when another advertiser signs a contingent order for that location, whichever comes first.

12. Force Majeure—Publisher is not liable for delays in delivery and/or non-delivery in the event of an act of God, action, terrorism, war, act of nature, pandemics, postal issues, civil unrest, labor or material shortages, transportation interruption of any kind or any condition beyond the control of Publisher affecting postal or other delivery.

13. Liability—Publisher has the right to hold advertiser and/or its agency jointly and severally liable for such monies as are due and payable to Publisher for advertising which advertiser or agency ordered. In submitting an advertising insertion order, advertisers agree to pay all costs for collection including reasonable attorneys’ fees in the event of a default, and interest at the rate of 1 1/2 percent per month (18 percent per annum) plus attorney’s fees and collection costs on all invoices 30 days or older. Publisher has no liability for errors in pub-set copy, key numbers or advertisers’ index. Publisher is not liable for any costs or damages if for any reason it fails to publish an advertisement. Publisher’s liability for any error will not exceed the cost of the b/w space occupied by the ad in error. Publisher is not responsible for errors due to improper file preparation. Additional charges may apply to prepare the ad for print reproduction.

14. Agency Liability—Advertiser and agency are jointly and severally liable for payment. The Publisher will not release any advertising agency from liability even if a sequential liability clause is included in the contract, insertion order, purchase order, etc.

15. Payment Terms—Payment is due prior to publication in the first issue, after which a net 30 credit program can be established. For companies with credit terms, payment in full is due 30 days from invoice date. A finance charge of 18 percent per annum (1 1/2 percent per month) will be assessed on all overdue balances and advertiser is liable for any and all legal fees, collection fees and court costs involved in collection. Publisher reserves the right to refuse to publish any advertisement it deems unsuitable or to extend credit to any company it deems unworthy. For advertisers or companies without credit terms, payment is due at the time the order is placed. Publisher reserves the right to hold any and all materials provided by advertiser in the event of overdue outstanding balances. No credit will be extended without the completion of a signed credit application and approval from Publisher.

16. Disclaimer—Conditions other than rates are subject to change by Publisher without notice. No conditions other than those set forth in this brochure are binding on Publisher unless specifically agreed in writing by Publisher. Publisher is not bound by the conditions printed or appearing on order blanks or copy instructions which conflict with provisions of this document. Advertisers assume responsibility for all content within promotional items sent (i.e. email blasts, sponsored links, video commercials).

17. Jurisdiction—Any and all agreements are governed by the laws of the Commonwealth of Virginia, and the venue for any disputes will be the County of Stafford.

18. Communication—By entering a business agreement with Publisher, I allow Publisher, all affiliated members, editors, groups and other employees to contact me via email, direct mail, text, phone and/or fax.
Inserts
For best results, advertiser should furnish a sample of the insert at least one month prior to issue deadline for review. Publisher also may print inserts at advertiser’s request. Payment for printing and postage of inserts is due prior to publication. Inserts should be furnished printed, flat and untrimmed. Regular page rates apply. Additional charges for overweight paper, postage charges for loose inserts (called outserts), back-up or tip-ons apply. All supplied inserts not conforming to specs are subject to additional charges as incurred. Contact publisher for additional specifications.

Insert Specs
Pre-printed inserts on 50-lb. text or lighter stock are charged at the one-page, color rate for each actual turned page up to 8½ x 11 size. Heavier stock requires an additional postage fee. All inserts must be received by the printer no later than the closing date for that magazine. See individual magazine section for more details. Inserts for USGlass, [DWM], AGRR™, Architects’ Guide to Glass & Metal, Window Film and PPFMag should be delivered to:

Sheridan Printing
69 Lyme Rd., Hanover, NH 03755 USA
Attn: Kelly Nanopoulos
Package should be clearly marked with "Name of Magazine/Issue Month/Year."

Outserts & Polybag Stuffers
These are available upon request for all magazines. Please contact your sales manager for more details. Postage charges may apply.

Submissions For Print Display Ads
Publisher requires digital ads. Please meet the following guidelines:

A. Images—All continuous tone images (grayscale and color scans) should have a resolution of 300 dpi at 100 percent. Scanned black and white line art should have a minimum resolution of 1200 dpi at 100 percent.

B. Color—All color files should be created as CMYK builds, not RGB files. A $55 conversion charge applies to convert any RGB files submitted. Pantone colors should be shown as builds of CMYK unless the ad is to print in the Pantone ink with Pantone ink ordered.

C. Proofs—A black and white composite and color-separated laser proof should be provided with ad submission. If the ad contains builds of two or more colors, a laminated or high-end digital SWOP color proof (such as O.R.I.S. or Approval) is recommended. Publisher is not responsible for shifts in color due to the differences between the file and the proof. A $55 plus shipping fee will be required when requesting a SWOP proof from the printer.

D. Fonts—Send all postscript fonts and printer fonts used in the file. Use only Type 1 fonts. True Type fonts will be accepted only if they are embedded in the file. Remember that fonts embedded in .eps files must be provided as well.

E. Labeling—The media supplied (USB (thumbdrive), email, etc.) should be labeled as follows: advertiser name, return address, contact name and phone number, list of content (including the name and version of the software programs used) and the name and month of the publication in which it is to appear.

F. Storage—Unless otherwise requested and approved in advance of publication, electronic files, etc. will be returned. They will be stored electronically by Publisher for a short time, after which time they may be destroyed.

G. Submission—PDFs are preferred. Send only page layout, fonts and graphics files used in your ad. Include a printout of the content of your disk. Provide a pre-flight report (such as "File > Package" in InDesign).

H. FTP—Files can be submitted via our online drop box at www.key-com.com/uploads. For the username and password, please contact our advertising coordinator at 540/720-5584. Type this address into your Internet browser and you will see two fields. Using the Browse button, find your file on your system and upload it into the first field. In the second field, use the drop down menu to select the correct magazine. Once the file is posted, please email the exact name of the file to advertising@glass.com. A soft proof will be provided to you for your approval. A printed proof of your ad is recommended. We also recommend a SWOP color proof for color ads. A SWOP proof from the printer requires a $55 plus shipping fee.

I. Soft Proofs—A soft proof of the ad will be sent to the advertiser for all ads sent in before the closing date. Due to the production schedule, the publisher cannot wait more than 2 days for approval on soft proofs and if no response is received by then, ad will be considered accepted by advertiser.

J. Design—The publisher is able to create artwork for you if you are unable to supply it yourself. A $150 charge applies for each hour of design time. Minimum design time is one hour.

K. Note—Publisher is not responsible for errors due to improper file preparation. Additional charges will apply to prepare or correct the ad for reproduction including text changes. For more information about digital ads, see the advertising section of our website or call for a digital preparation checklist.
For placements within:
- USGlass (usglassmag.com)
- USGlass News Network/USGNN™ e-newsletter
- [DWM] (dwmmag.com)
- [DWM] e-newsletter
- AGRR (agrmag.com)
- AGRR™/glassBYTEs.com™ e-newsletter
- Architect's Guide to Glass & Metal (ppfmag.com)
- AGRR®/glassBYTEs.com™ e-newsletter
- Window Film (windowfilmmag.com)
- Window Film Magazine (ppfmag.com)
- Focus on Film e-newsletter
- Glass.com
- AGRR™/glassBYTEs.com™ e-newsletter
- USG Box (usglassmag.com)
- AGRR®/glassBYTEs.com™ e-newsletter
- Architects' Guide to Glass & Metal (glassguides.com)
- Glass.com
- AGRR®/glassBYTEs.com™ e-newsletter
- [DWM] (dwmmag.com)
- [DWM] e-newsletter
- AGRR (agrmag.com)
- AGRR™/glassBYTEs.com™ e-newsletter
- Architect's Guide to Glass & Metal (ppfmag.com)
- AGRR®/glassBYTEs.com™ e-newsletter
- Window Film (windowfilmmag.com)
- Window Film Magazine (ppfmag.com)
- Focus on Film e-newsletter
- Glass.com
- AGRR®/glassBYTEs.com™ e-newsletter
- USG Box (usglassmag.com)
- AGRR®/glassBYTEs.com™ e-newsletter
- Architects' Guide to Glass & Metal (glassguides.com)
- Glass.com

Digital Ad Sizes

<table>
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<tr>
<td>728 x 90 Leaderboard Ad</td>
<td>728 x 90 Leaderboard Ad</td>
</tr>
<tr>
<td>650 x 375 Splash Image</td>
<td>650 x 375 Splash Image</td>
</tr>
<tr>
<td>300 x 250 Rollover Box Ad</td>
<td>300 x 250 Rollover Box Ad</td>
</tr>
<tr>
<td>150 x 250 Skyscraper Ad</td>
<td>150 x 250 Skyscraper Ad</td>
</tr>
<tr>
<td>475 x 100 Standard Ad</td>
<td>475 x 100 Standard Ad</td>
</tr>
</tbody>
</table>

1. Rates—All insertion orders are accepted subject to provisions of our current rates as detailed herein. Rates are subject to change at any time upon notice from the Publisher.
2. Cancellations—Cancellations or changes in orders may not be made by advertiser or its agency after the digital placement has been contracted and paid. Placement may be selected to not run, but no refund will be given. Non-cancellable and premium positions are not cancellable.
3. Agency Commissions—All digital advertisements are net rates.
4. Indemnification—Advertisers are accepted upon representation that an advertiser and its agency have the right to publish the contents thereof. In consideration of such publication, advertiser and its agency agree to indemnify and hold Publisher harmless against any expense or loss by reason of any claims arising out of publication.
5. Approval—All advertisements are subject to Publisher’s approval. Publisher reserves the right to reject or cancel any advertisement, insertion order, space reservation or position commitment at any time with or without cause. Publisher reserves the right to insert the word “advertisement” or sponsored content above or below any copy as it deems necessary.
6. Acceptance—All insertion orders for advertising are accepted subject to the terms and provisions of this Media Planner. Placement of the advertisement represents acceptance of the order. The Publisher will not be bound by any condition, printed or otherwise, appearing on any order blank, insertion order, contract provided when they conflict with the terms and/or conditions of this document. Any insertion of advertising made by the agency or advertiser represents acceptance by both the agency and the advertiser of all terms and conditions of this document. Failure of the advertiser and/or agency to make the order correspond in price or otherwise to the rate schedule herein is regarded only as a clerical error and will be charged for upon the terms and conditions set forth in this Media Planner. The Publisher will not honor rates or data derived from other sources unless in conformance with this document.
7. Deadlines—Advertisements received less than 48 hours prior to scheduled placement date will not be subject to usual review and quality checks by Publisher prior to publishing and may incur rush charges associated with late insertions. If a placement needs to occur faster than the allotted 48 hours there will be a rush upload fee of $50. Any new ads or banner ad changes requested within a contracted placement time will be billed $25 per change.
8. Positioning—Placements are made based on annual contracts receiving higher placement over monthly purchases. Annual contracts hold the first right to renew for their locations. Contract volume will place one monthly banner higher than another one. Positioning of same contract volume advertisements is at the discretion of Publisher.
9. Right of Refusal—An advertiser with a 6-month or more contract on a paid preferred position will have the right of refusal for the same space. The right of refusal will end 30 days prior to the contract end date or 15 days after another advertiser signs a contingent order for that location, whichever comes first.
10. Force Majeure—Publisher is not liable for delays in delivery and/or non-delivery in the event of an act of God, action, terrorism, war, pandemics, act of nature, civil unrest, labor or material shortages, transportation interruption of any kind or any condition beyond the control of Publisher affecting postal or other delivery. Additional charges may apply to prepare the ad for digital placement.
11. Liability—Publisher has the right to hold advertiser and/or its agency jointly and severally liable for such monies as are due and payable to Publisher for advertising which advertiser or agency ordered. In submitting an advertising insertion order, advertisers agree to pay all costs. Publisher has no liability for errors. Publisher is not liable for any costs or damages if for any reason it fails to place an advertisement. Publisher’s liability for any error will not exceed the cost of the ad in error. Publisher is not responsible for errors due to improper file preparation. Additional charges may apply to prepare the ad for digital placement.
12. Agency Liability—Advertiser and agency are jointly and severally liable for payment. Publisher will not release any advertising agency from liability even if a sequential liability clause is included in the contract, insertion order, purchase order, etc.
13. Payment Terms—Payment is required in full, as contracted, 48 hours prior to scheduled start date. If payment is not received within 48 hours, Publisher will not hold liable if placement does not occur as originally contracted. Requested location placements cannot be guaranteed without payment in full.
14. Disclaimer—Conditions other than rates are subject to change by Publisher without notice. No conditions other than those set forth in this brochure are binding on Publisher unless specifically agreed in writing by Publisher. Publisher is not bound by the conditions printed or appearing on order blanks or copy instructions which conflict with provisions of this document. Advertisers assume responsibility for all content within promotional items sent. (i.e. email blasts, sponsored links, video commercials.)
15. Jurisdiction—Any and all agreements are governed by the laws of the Commonwealth of Virginia, and the venue for any disputes will be the County of Stafford.
16. Storage—Unless otherwise requested and approved in advance of publication, no CDs, USBs, electronic files, etc. will be returned. They will be stored electronically for the duration of the insertion after which time they may be destroyed.
17. Submission—Email your graphics file to dms@glass.com and include the URL or file to which you wish to link.
18. Design—The Publisher is able to create artwork for you if you are unable to supply it yourself. A $150 charge applies for each hour of design time. Minimum design time is one hour.
19. Note—Publisher is not responsible for errors due to improper file preparation. Additional charges will apply to prepare or correct the ad for placement including text changes. For more information about digital ads, see the advertising section of our website or call for a digital preparation checklist. Annual contracts receive one banner ad change per month free of charge. All others are $25 per change. Metric reports are available upon request. A standard report contains impressions and click throughs.
20. Communication—By entering a business agreement with Publisher, I allow Publisher, all affiliated members, editors, groups and other employees to contact me via email, direct mail, text, phone and/or fax.
Email Blasts
Key Media & Research is very protective of its email subscribers and offers very limited usage of its email lists. Advertisers contracting for $15,000 or more print advertising per year may purchase one blast per year, subject to availability. Advertisers contracting for $25,000 or more in advertising per year may purchase up to two blasts per year, subject to availability. Advertisers contracting for $50,000 or more in advertising per year may purchase up to three blasts per year. An HTML source code file must be provided by client, all others will require file manipulation time.

The subject line of the email will read as follows: “A Message from (your company name)” or you may select a subject line and the body of the email will contain the word ADVERTISEMENT clearly shown, centered, bold and on top of the email content. Blasts are limited. Call sales manager for availability. Creative which needs to be provided prior to blast is HTML source code. Images are to be hosted on client’s site. If needed, Key Media & Research can host the images if they are properly provided and within file size specified by account manager and additional fees will apply.

We cannot accept Microsoft Word documents, PowerPoint or Excel spreadsheets as files nor can they be sent as an email blast. Attachments are not permitted to be sent within an email blast. Click-through tracking and reporting on blasts is available for $60 per blast.

Cancellations—Cancellations or changes in orders by advertiser or its agency after the digital placement has been contracted and paid is not permitted. Placement may be selected to not run, but no refund will be given.

Key Media & Research continually updates all data with current information. As with all data, some undelivers will be expected due to movement. Pricing is based on sent emails and calculated at the time of proposal. Email blasts will be sent upon payment in full, receipt of proper HTML source code creative and approval of the proof sent. Please note, HTML source code cannot be replicated sent upon payment in full, receipt of proper HTML source code creative and approval of the proof sent. Please note, HTML source code cannot be replicated.

File manipulation (1 hour minimum) $150/hour
Creative/design services (if needed, with a minimum of one (1) hour) $150/hour
Site click-through tracking and reporting on blasts (optional) $60 per blast

Publication/Placement Dates
• For Space—See individual sites and e-newsletters and contact your sales manager. Location must be contracted and paid in full 48 hours prior to placement.
• For Material—Due 48 hours prior to contracted placement start.
• There is an ad change fee of $250 or to upload a new ad) within a contract’s time frame.
• Annual contracts receive priority placement within the e-newsletter and website placements over monthly contracts. Larger contracts will run higher as well.

Banner Ad Files Accepted
• All measurements are in pixels and are width by height.
• File sizes should not exceed 25K. If a file is larger than 25K, large file charges may apply.
• Formats can be .png, .gif, .jpg, HTML5 for website ads.
• E-newsletter ads must only be a .png, .jpg or a .gif in order for email delivery to occur.

Animated Banner Advertisements
• For animated banner ads, animated gif is the preferred file format.
• HTML5 ads must have all accompanying files with full URLs linked if scripts and files will be hosted on the client’s or agencies’ end; a local path cannot be used. If Publisher is to host the file then client must provide any additional files generated by their design programs (such as Javascript codes or external CSS files) when providing creative for placement. HTML5 files need to be submitted as a zip file.
• The preferred number of frames for an animated banner is 1-3 frames.
• The number cannot exceed 5 frames.
• The preferred time an animated banner has to loop is 3-4 seconds. The time cannot exceed more than 7 seconds.
• Certain email browsers will no longer view animated files. As such, make your first frame the complete ad text and then build it from frame 2 on so every view has the complete message.
• Outlook 7 will no longer animated gifs properly in email so consider a static ad for e-newsletters or a fully informational first frame of an animated.gif.
• There is an animated gif email guidelines sheet your success manager can provide you with if requested.

Digital Advertisement Definitions
• Exclusive ads—the location is exclusively for that advertiser only.
• Rotating ads—the location may/may not have additional advertisers rotating through on the same real estate depending on the contracts in place at that time. Premium placement pricing applies to ads that wish to be the initial banner ad seen—the top, center location for the e-newsletter, or the top right corner of the website—as part of the header.

For additional guidance in creating your files please email our Digital Media Services department at dms@glass.com.

Advertisement Reporting
A standard report will be provided when requested including: placement, duration, ad size, impressions, and click-throughs. Any additional metrics requests or customized fields will be billed at $60 net USD per month per report. These include but are not limited to: delivered e-newsletters, open rates, percentages of delivered or opened. Any span of time beyond one month is considered an additional metrics request and will be charged the $60 report fee.

Animated GIF Guidelines for Email
Large GIFs lead to slow email loading or downloads that eat up a subscriber’s phone data plan and frustrate PC users. This can jeopardize your hard work and can affect a campaign’s performance. In general, the smaller your GIF is, the faster it loads in emails—and shorter load times equates to a better experience for subscribers. Industry standards recommend a maximum file size of 200KB but we try to keep them under 100KB to guarantee speedy load times and not eat up too much of our mobile readers’ data. Here are a few suggestions.

1. Stick to simpler (AKA faster) transitions - If your animation involves transitions, stick to “cuts” over “fades.” Cuts jump from one visual to the next. Fades take more time to deliver the same message. Fades involve more frames, more colors, and thus come with larger file sizes. If you choose a fade effect over a simple cut transition, your GIF file is 7.8 times larger.
2. Choose adaptive color reduction - When you save your GIF, you will have a few options for color reduction. Best practice suggestion is “adaptive” color reduction. This algorithm samples colors that appear most in an image and provides a fair balance between file size and color fidelity.
3. Keep “transparency” turned on – Keeping the transparency option checked allows pixels that do not change from frame to frame to remain as they are. Areas on the GIF that remain constant from one frame to the next do not need to be loaded.

To summarize, fading transitions should be avoided; overall frame count should be kept to a minimum; color settings should be checked and the transparency option should be turned on.

Action Ads (Video) for Website Placements
When producing a video for an action ad, please provide a vertical or square video with a width the size of 240 pixels. Height by width: 426 x 240 or 240 x 240.

Video may be any normal format, it doesn’t have to be partially transparent or cut-out. If it does involve transparency or a cut-out please provide it in an MOV file. The file should be saved as Apple ProRes 4444w/alpha or animation or another format that includes an alpha channel. If a file is created that has a key color (greenscreen) KMR’s production team can create the transparent file from that.
Key Media & Research video advertisements are designed to accompany industry newscasts, show coverage videos, editorial videos (with the exception of sponsored segments) and/or any other industry-related productions. Video ads may be supplied in a finished format, or Key Media & Research’s video production staff can also be contracted for production. Ad placement will be limited to instances without competing products and/or companies. Typically, video ads are incorporated as brief “breaks” sponsored pre-roll or overlays within the greater production; however, exact placement is at the discretion of the video editor/producer, depending on story length, segment lengths and/or other factors.

Content

Intro/Pre-Roll (Up to 5 seconds) or Mid-Roll (Up to 28 seconds)
- This can be full-frame and opaque. It will be placed in the video via a cut near the beginning. Videos may contain video segments, voice-over material and/or images, but they may also be as simple as a company logo accompanied by a slogan or statement.
- Frame size 1920 x 1080px
- MP4 or MOV with over 10 Mbps bitrate
- In the case of sponsored segments or complete videos, a sponsoring company’s logo and/or slogan will appear at the beginning of the production, along with a “Sponsored by” statement. Exclusivity in these instances will depend upon a pre-arranged sales agreement.
- Please note, that in the event that your production exceeds the time limit, changes will need to be made in order to fit placement allowances.

Overlays
- Keep them between 5 and 8 seconds long and without sound.
- Frame size is 1920 x 1080px (these will be resized if necessary and overlaid on top of other footage) They will be placed in the bottom or corner of the frame, and will be smaller than the subject. They could also be a bar-like overlay across the bottom of the frame, as long as the graphics cover no more than 20% of the frame space. To ensure text is legible, it shouldn’t be too small compared to other elements.
- Preferably saved with transparency data in a format that contains that information (MOV files using codecs like Apple Prores 4444 or Animation for example).

Formats
Files submitted should be MP4 or MOV with over 10 Mbps bitrate. The preferred size and aspect ratio is 1920 x 1080 px. Please note, in order for video productions to stream and view properly, each must be formatted for the web. Key Media & Research’s video staff adjusts the quality and format for each product based on such variables as overall length and the nature of content. For this reason, video ad submissions may not be delivered in the same level of quality or file format as supplied by the advertiser once incorporated into a finished video ad product to be placed in Key Media & Research’s productions or arrangement) without incurring additional production fees. Please note that significant alterations at the proofing stage of production will likely incur additional hourly-based fees. In the event that your company supplies a finished video ad product to be placed in Key Media & Research’s productions, changes cannot be made prior to publishing, with the exception of productions exceeding the 30-second limit, which may be trimmed to fit the allowable space.

Podcast Commercial Inclusions
- File: .mp3 audio.
- Bitrate: 192kbps or higher.
- Sample frequency: 44-48khz.
- Bit type: 16 to 32bit. An uncompressed audio file .wav or .aiff is also an option to submit.

Video Action Ads for Website Placements
When producing a video for an action ad, please provide a vertical or square video with a width the size of 240 pixels. Height by width: 426 x 240 or 240 x 240.

Video may be any normal format, it doesn’t have to be partially transparent or cut-out. If it involves transparency or a cut-out please provide it in an MOV file. File needs to be saved as Apple ProRes 4444w/ alpha or animation another format that includes an alpha channel.

If a file is created that has a key color (greenscreen) KMR’s production team can create the transparent file from that.

To Place a Video within a Digital Edition Advertisement
Video must be provided in MP4, F4V or FLV video format with the following requirements:
- Bitrate · The recommended bitrate is between 300kb/s and 700kb/s.
- File Size · The maximum file size for a video is 100MB.
- Duration · Videos must have a duration of 1 second or more.

Questions? Contact:
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