

USG  
Ceiling  
Solutions

USG DANOLINE™  
ACOUSTICAL PERFORATED  
GYPSUM

**PERFORATION GUIDE**

USG  CGC  
IT'S YOUR WORLD. BUILD IT.™

## PERF.

By definition, perfection is excellence or completeness beyond improvement, exactly fitting a particular need or meeting a specific purpose. This is our goal with USG Danoline™ – a perforated panel that is elegant, yet durable and suitable for spaces of all kinds.

This guide will help you create exceptional and memorable spaces for truly remarkable designs.

**Start designing.**

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# OVERVIEW

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## LAY-IN PANELS

- Choose from one of six sophisticated perforations
- Flush and Recessed edge profiles
- 15/16" or 9/16" grid
- 2' x 2' or 2' x 4' panel sizes
- Acoustic performance up to NRC 0.80 depending on perforation.

## WALL AND CEILING

- Select a panel pattern 2L2 or 2L4
- Two perforation options
- NRC values up to NRC 0.70 depending on perforation
- Higher acoustics achieved with added mineral fiber backer

## DIRECT MOUNT PANELS

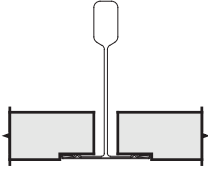
- Select a panel pattern 2L2 or 3L1
- Three perforation options
- Factory applied acoustical backer provides 0.45 - 0.65 Sabins per square foot
- Higher values can be achieved with an additional fiberglass backer panel to achieve 0.80 - 1.25 Sabins per square foot

# GRID & PANEL PROFILES

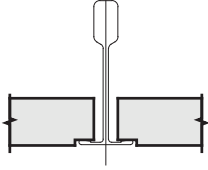
## LAY-IN PANELS

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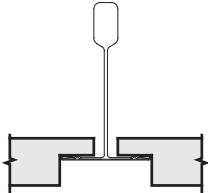
**A DX**  
**FLUSH WIDE (FW)**



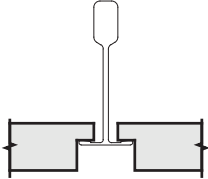
**B DXT**  
**FLUSH NARROW (FN)**



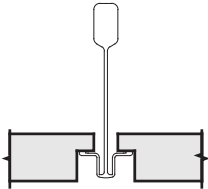
**C DX**  
**RECESSED (SL)**



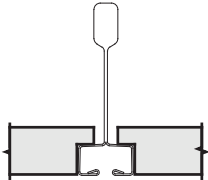
**D DXT**  
**RECESSED (FL)**



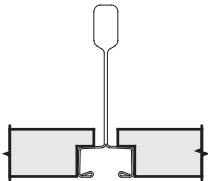
**E DXI**  
**RECESSED (FL)**



**F DXF**  
**RECESSED (FL)**



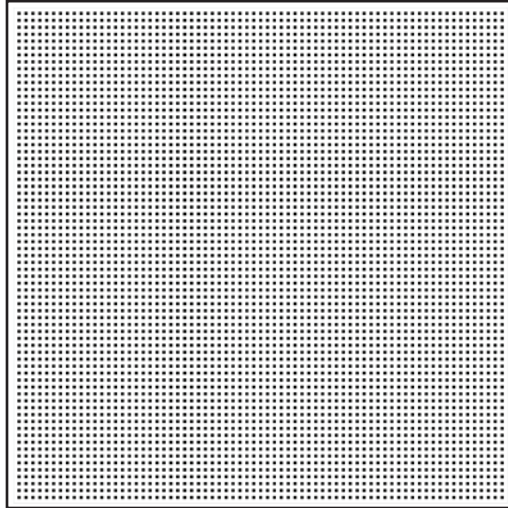
**G DXFF**  
**RECESSED (FL)**



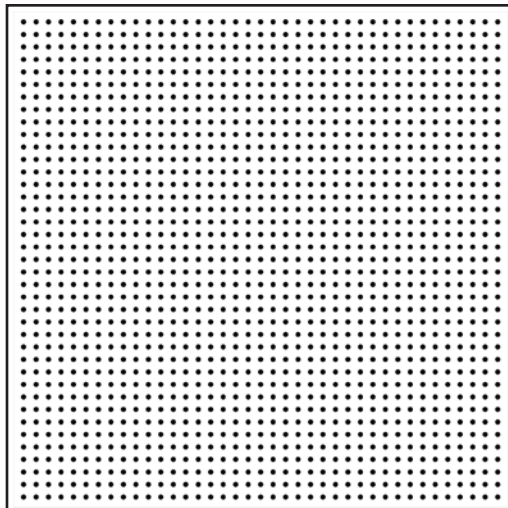
# PERFORATION PATTERNS

USG DANOLINE™ LAY-IN PANELS

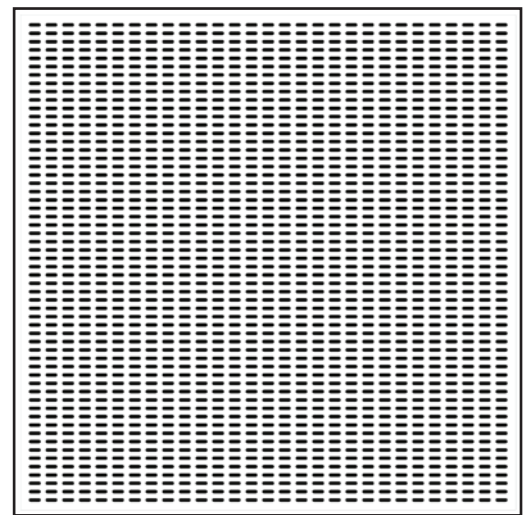
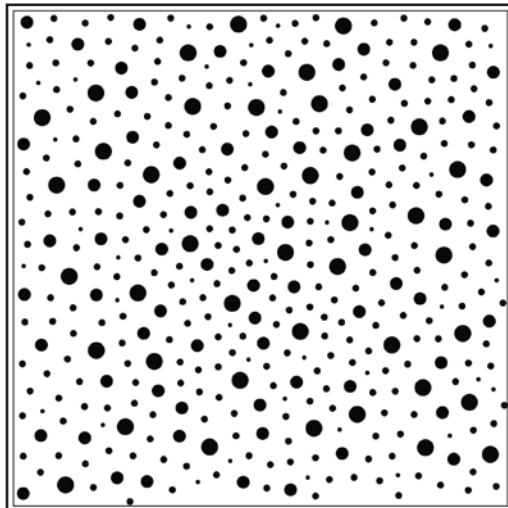
**S3 PERFORATION**  
2' X 2' PANEL



**C6 PERFORATION**  
2' X 2' PANEL



**CV | O1 PERFORATION**  
2' X 2' PANEL

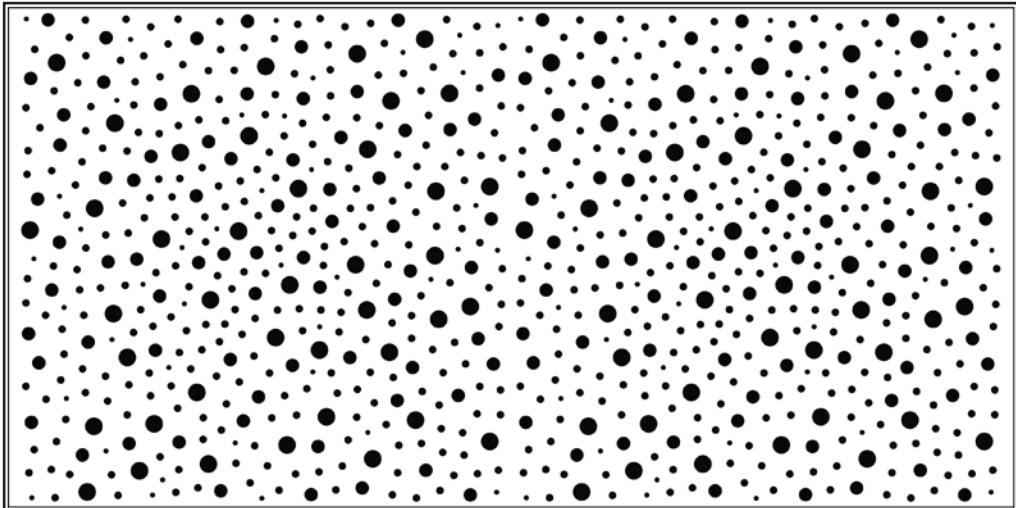


# PERFORATION PATTERNS

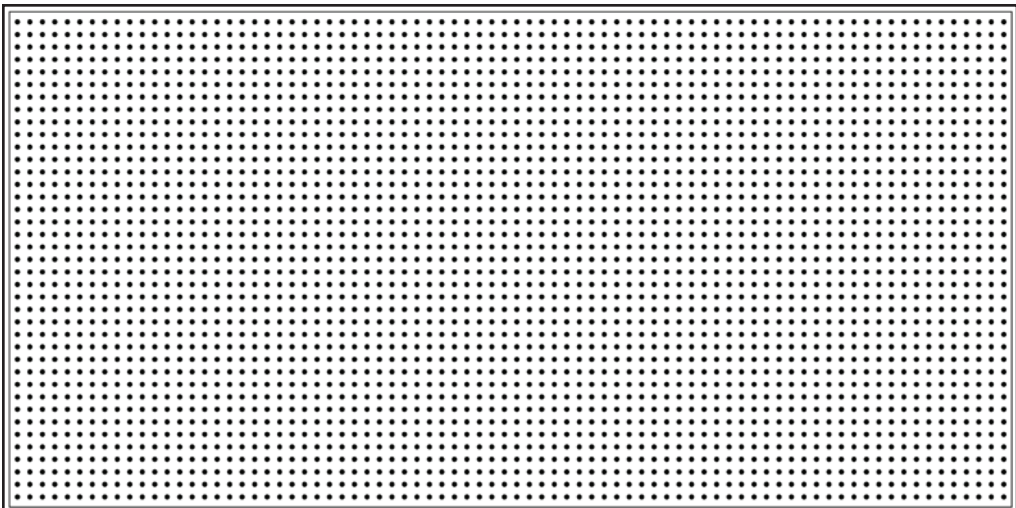
USG DANOLINE™ LAY-IN PANELS

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**CV PERFORATION**  
2' X 4' PANEL



**C6 PERFORATION**  
2' X 4' PANEL



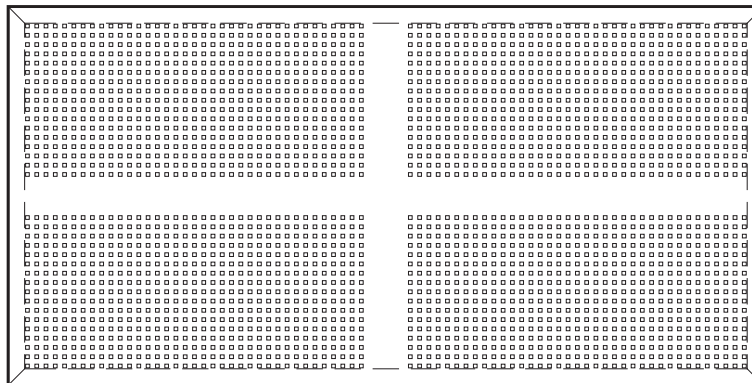
# PERFORATION PATTERNS

## USG DANOLINE™ WALL & CEILING PANELS

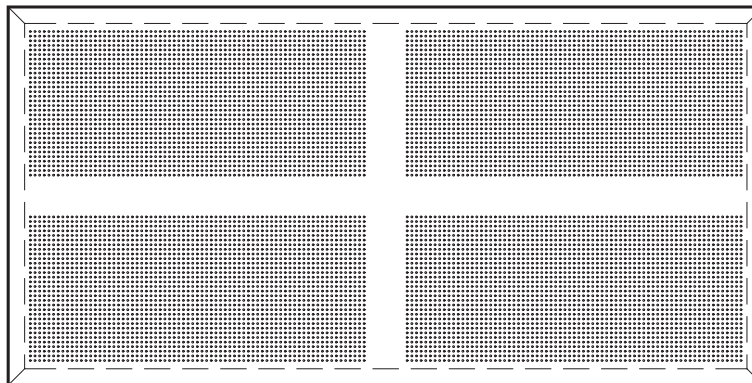
**S9 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**



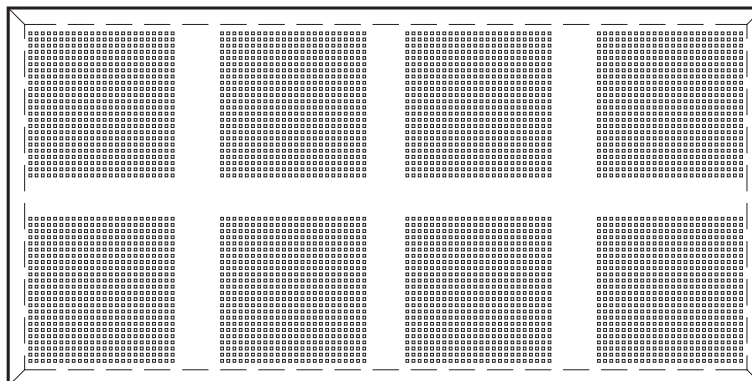
**S12 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**



**C6 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**



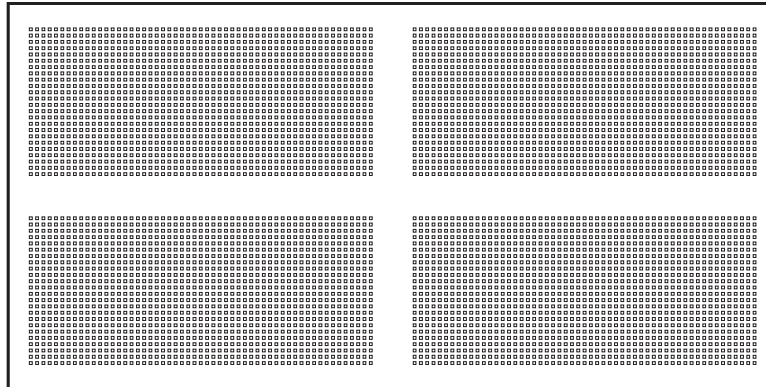
**S9 PERFORATION  
2L4 PATTERN  
4' X 8' PANEL**



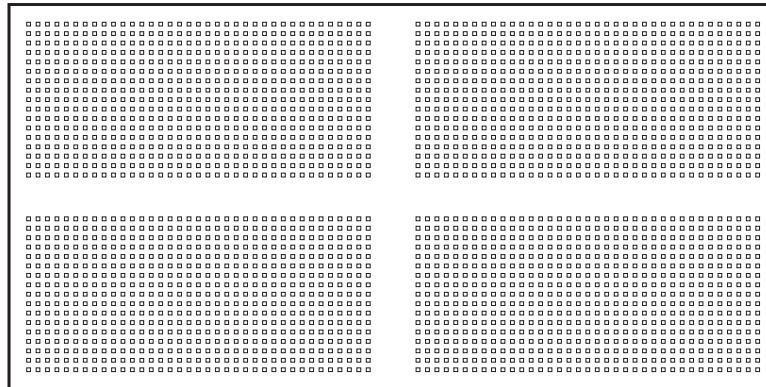
# PERFORATION PATTERNS

## USG DANOLINE™ DIRECT MOUNT PANELS

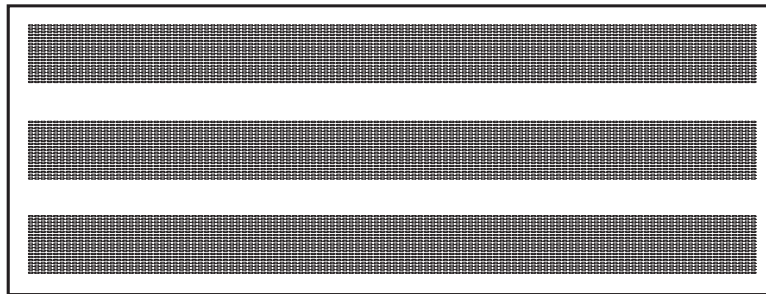
**S9 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**



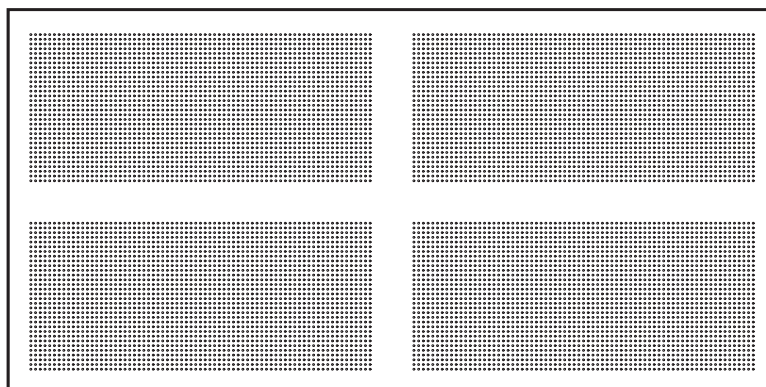
**S12 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**



**O1 PERFORATION  
3L1 PATTERN  
3' X 8' PANEL**



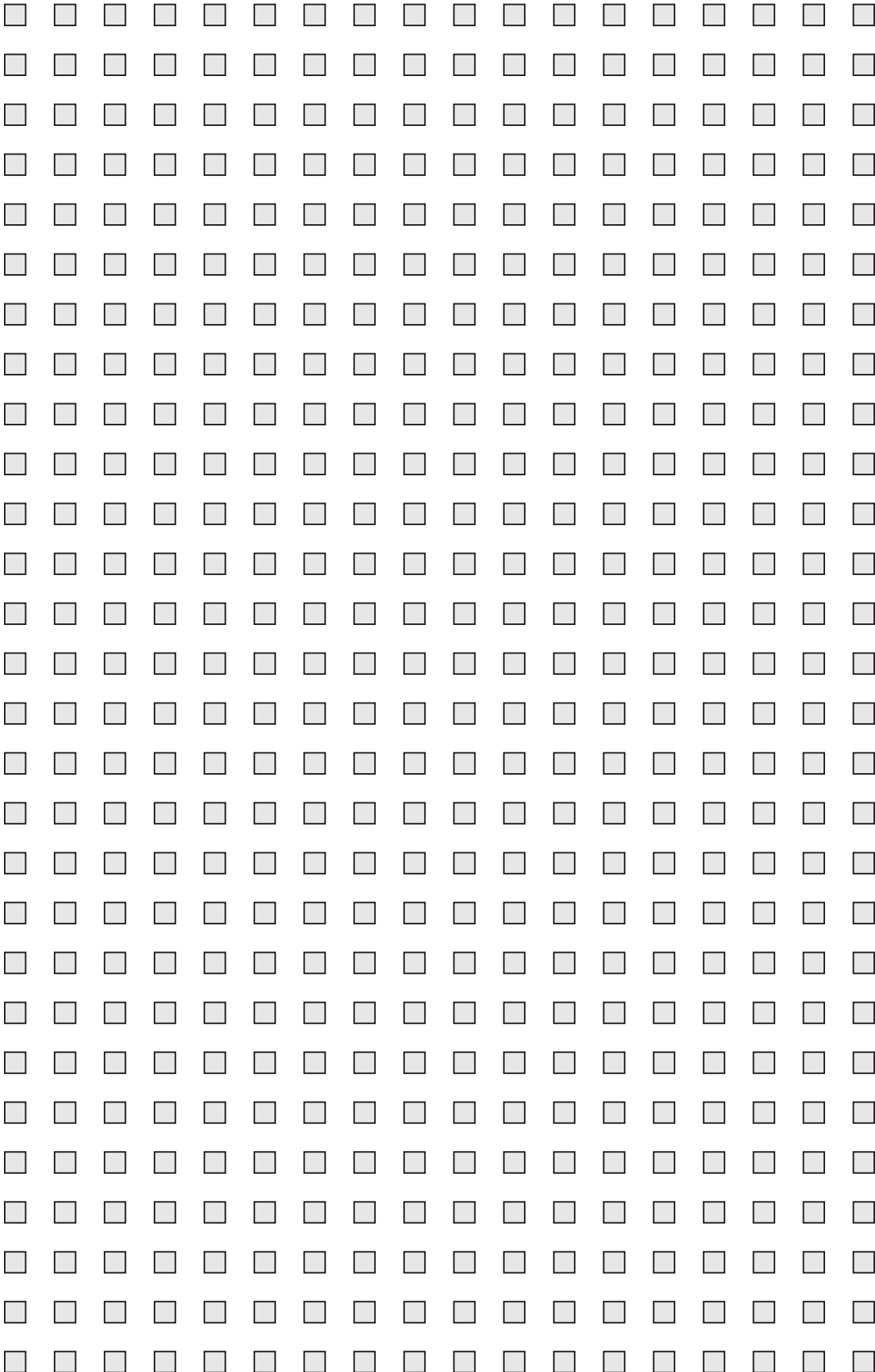
**C6 PERFORATION  
2L2 PATTERN  
4' X 8' PANEL**





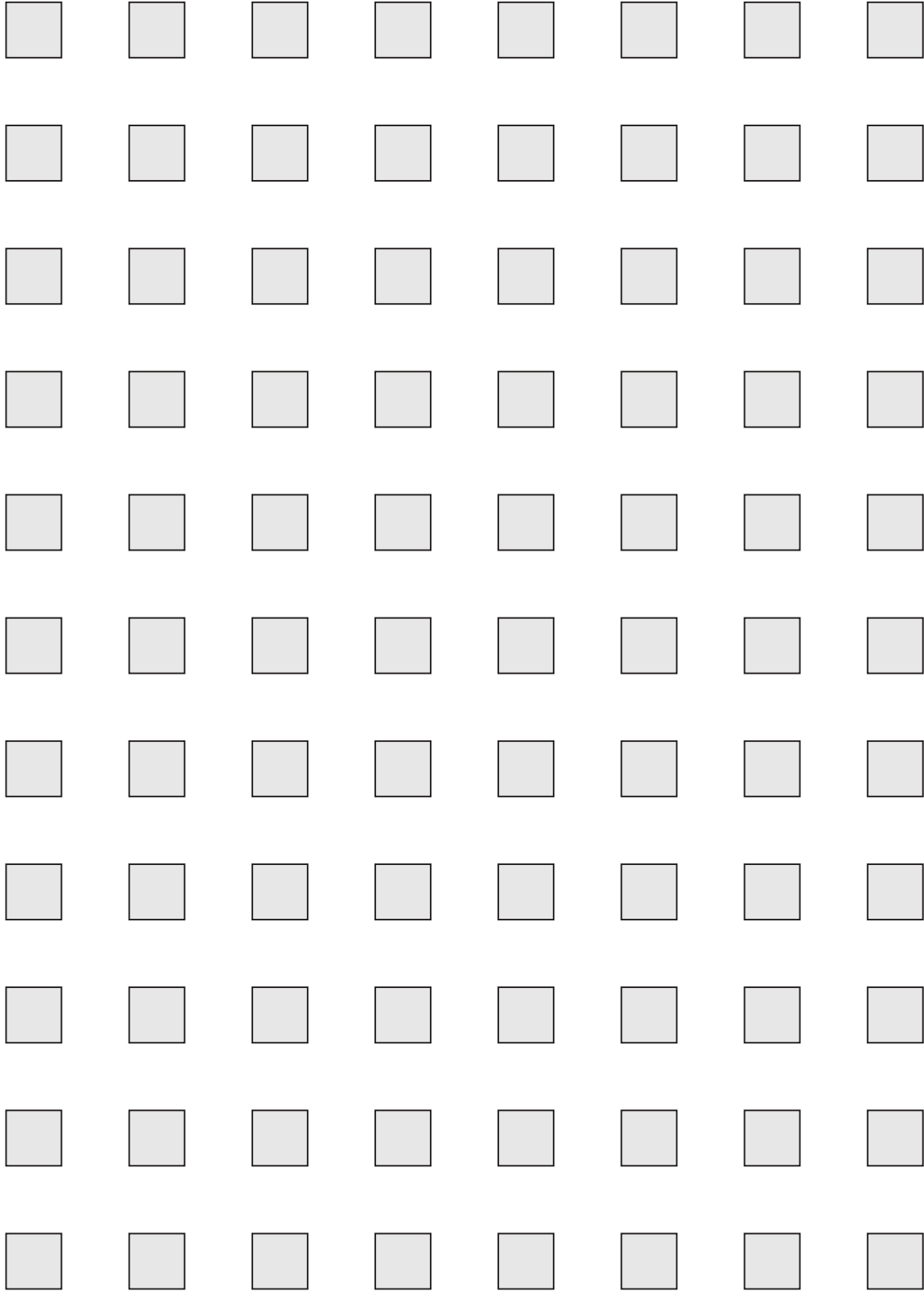
# S3 PERFORATION

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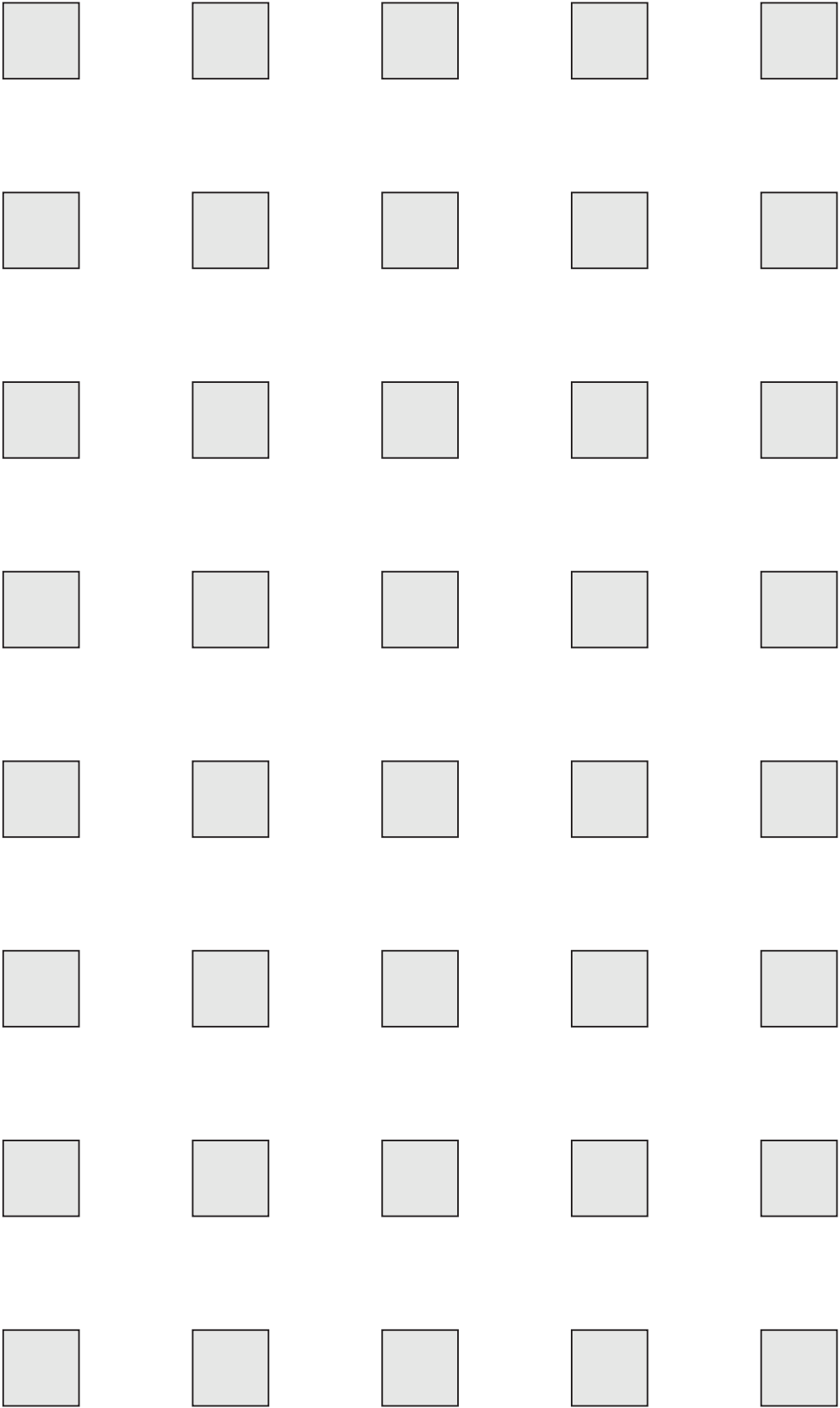
# S9 PERFORATION

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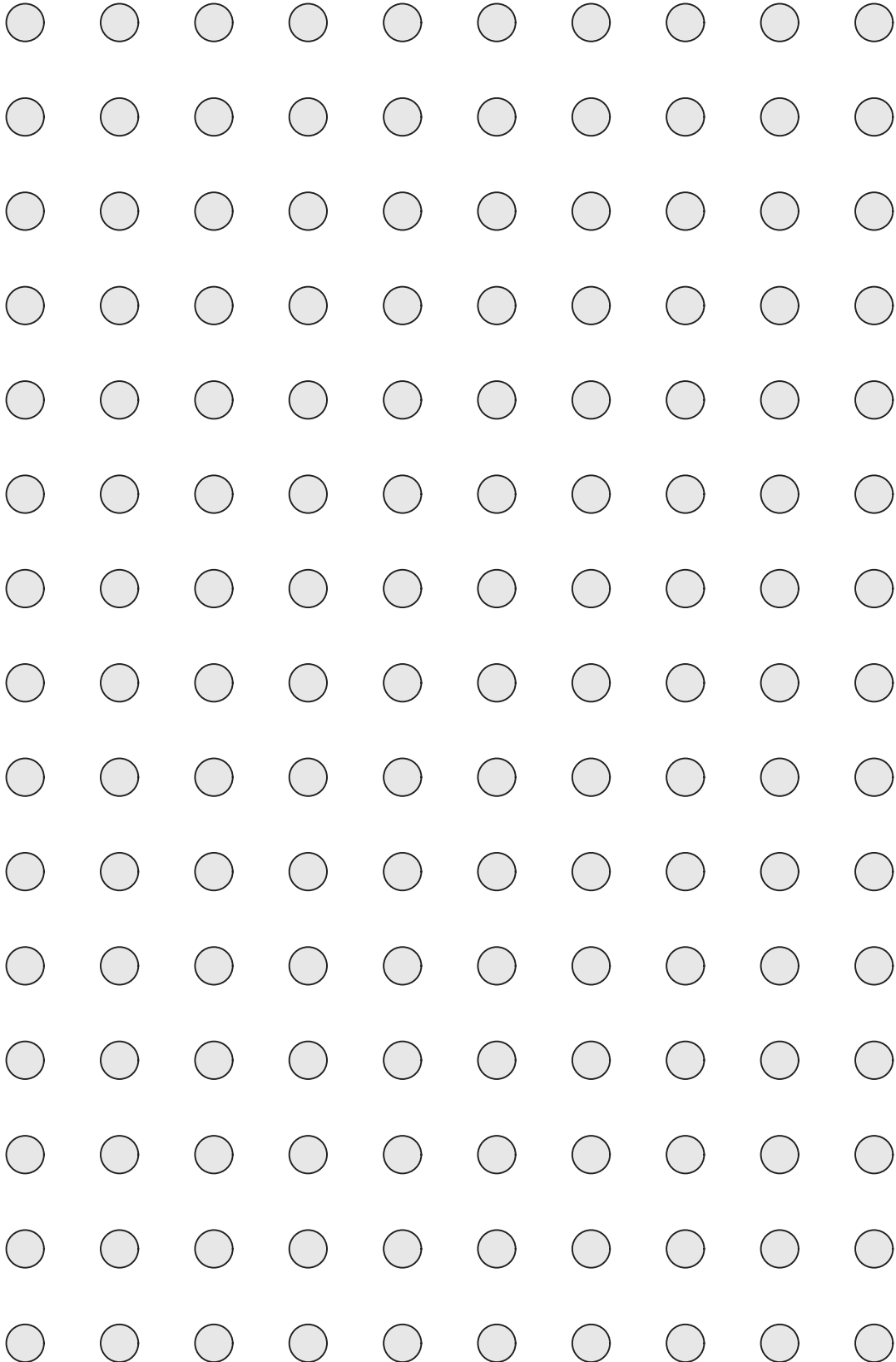
# S12 PERFORATION

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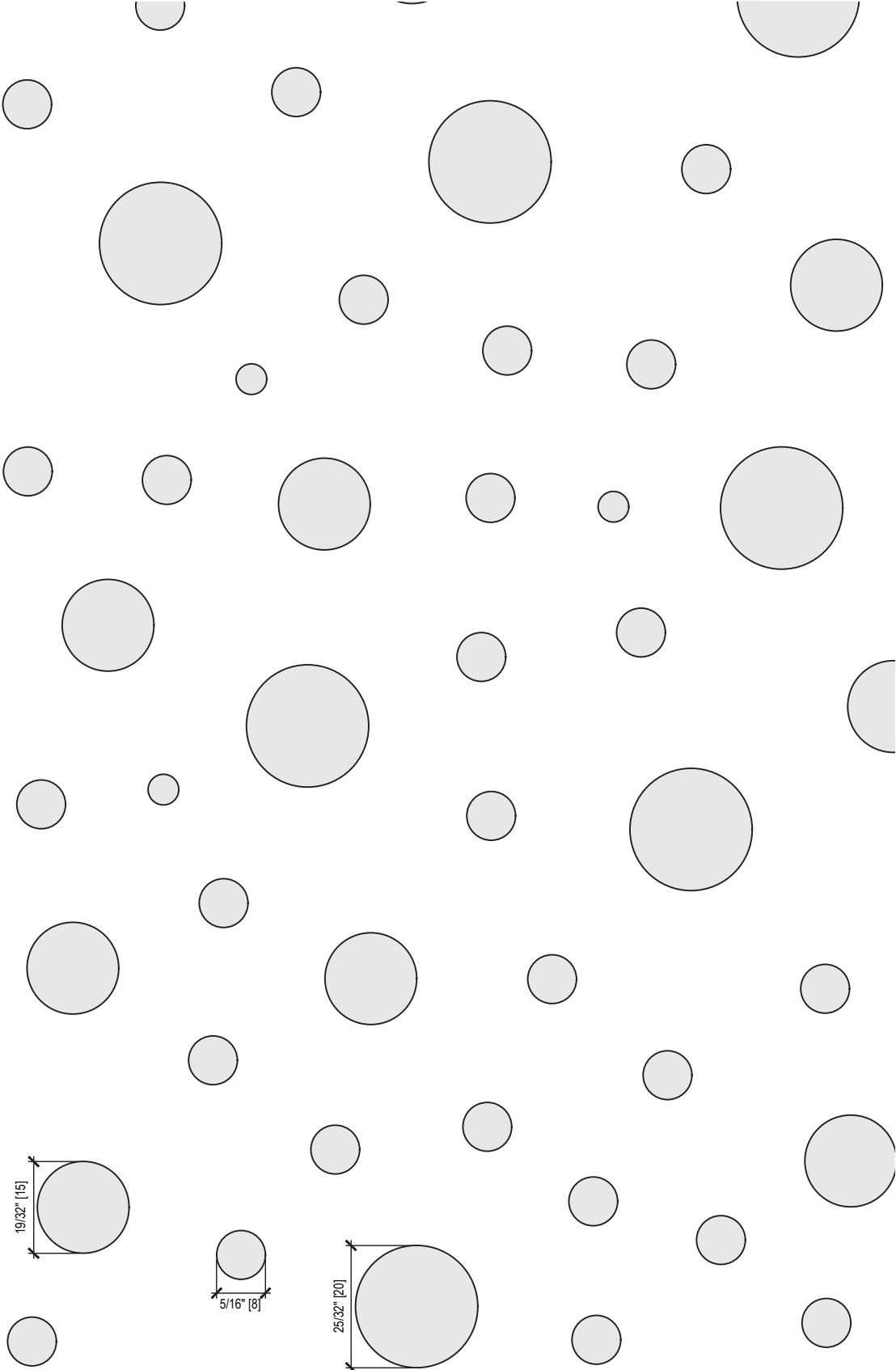


# C6 PERFORATION

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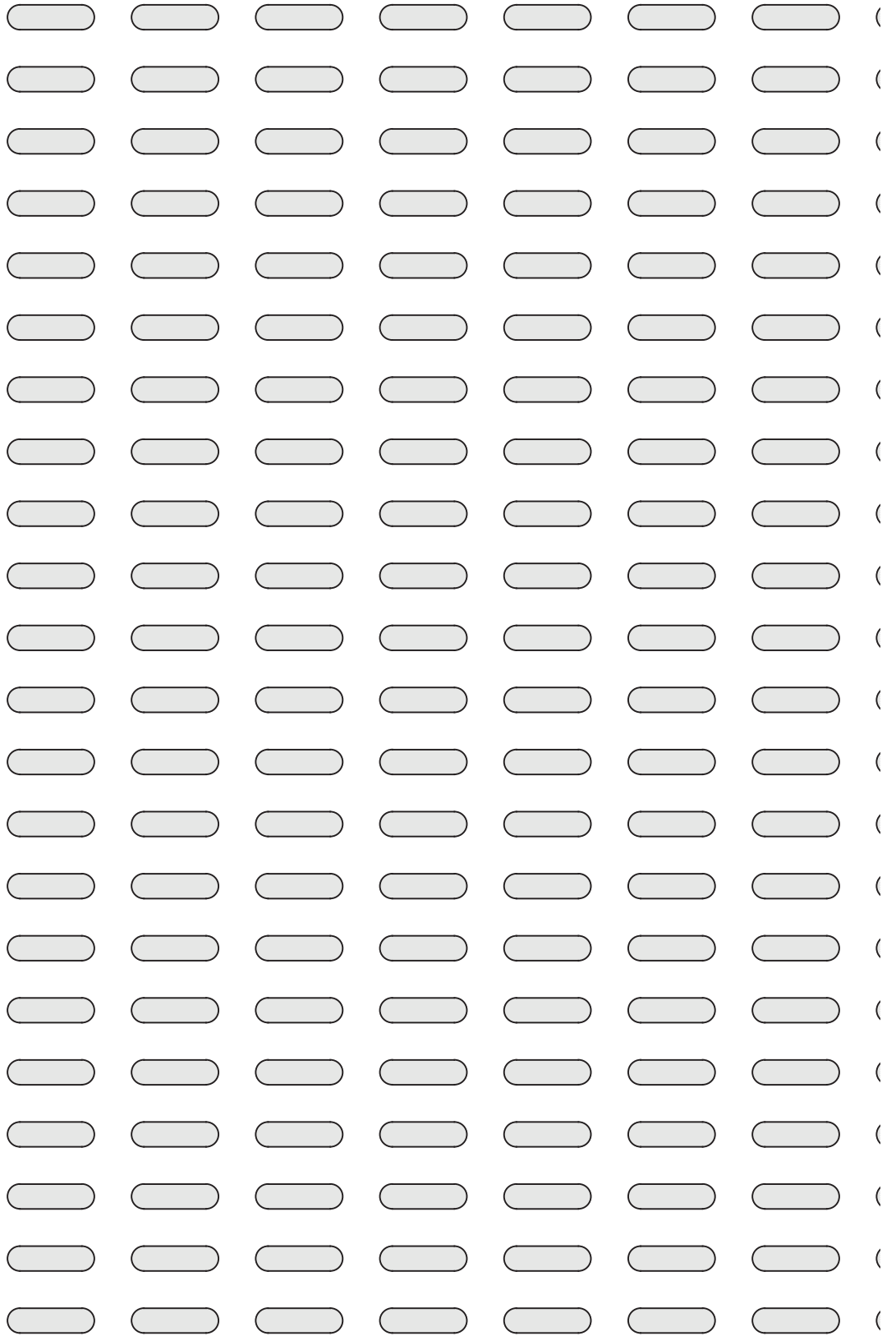


# CV PERFORATION



# 01 PERFORATION

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01/01/2024

## PRODUCT INFORMATION

For the most up-to-date technical information, visit [usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://cgcdesignstudio.com)

## CUSTOMER SERVICE

USG: 800 950-3839

CGC: 800 387-2690

## TECHNICAL SERVICE

800 USG.4YOU (874-4968)

## WEBSITES

[usg.com](http://usg.com)

[cgcinc.com](http://cgcinc.com)

[usgdesignstudio.com](http://usgdesignstudio.com)

[cgcdesignstudio.com](http://cgcdesignstudio.com)

## SAMPLES/LITERATURE

[samplit@usg.com](mailto:samplit@usg.com)

866 528-7089

## Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the Authority Having Jurisdiction. USG recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system.

## Code Compliance

The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

## Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

## Safety First!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

## Product Information

USG Danoline™ Gypsum Walls And Ceilings Perforation Guide – IC760

USG Danoline™ Direct Mount and Clouds, Acoustical Perforated Gypsum - Architectural Specification Sheet – IC761

USG Danoline™ Non Demountable Wall & Ceilings Panels, Acoustical Perforated Gypsum - Architectural Specification Sheet – IC763

USG Danoline™ Direct Mount Details – CAD Files – IC764

USG Danoline™ Wall & Ceilings Panel Details – CAD Files – IC765

USG Danoline™ Flush Lay-In Panel Details – CAD Files – IC766

USG Danoline™ Lay-In Panel Details – CAD Files – IC767

USG Danoline™ Compasso Elite Trim & Lay-In Panel Details – CAD Files – IC768

USG Danoline™ Lay-In Panels – CAD Files – IC769

USG Danoline™ Panels: Wall and Ceiling - BIM & CAD Drawings – IC770

USG Danoline™ Panels: Direct Mount Panels – BIM & CAD Drawings – IC771

See [usg.com](http://usg.com) for the most up-to-date product information.