

CEILING MAINTENANCE

INSTRUCTION GUIDE

USG Mars™ Healthcare Acoustical Panels +
USG Donn® Brand DX®/DXL™ Acoustical Suspension System
Shape Therapeutics Lab
Architect: ZGF Architects
Photo: © Moris Moreno

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USG CEILING PANEL MAINTENANCE GUIDE

Choosing the best ceiling for your project can make all the difference. When maintenance is necessary, certain procedures should be followed to protect the appearance and high performance of acoustical panels.

PRODUCT CATEGORIES

- A** Cast mineral fiber
- B** Fiberglass
- B'** Fiberglass with water repellent surface
- C** Gypsum panel with vinyl laminated face
- D** Wet-formed mineral fiber
- D'** Wet-formed vinyl-laminated face mineral fiber
- D''** Wet-formed scrim faced mineral fiber
- D'''** Wet-formed scrim faced mineral fiber with water repellent surface
- D^{iv}** Wet-formed ceramic bonded mineral fiber
- D^v** Wet-formed mineral fiber with water repellent and scrubbable finish

PRODUCTS

- | | |
|--|--|
| D Astro® | D''' Mars™ Healthcare High-NRC/High-CAC |
| D' Clean Room™ | D'' Mars™ High-NRC/High-CAC |
| D Eclipse™/Eclipse™ Illusion™ | D'' Mars™ Planks & Large Sizes |
| D Eclipse™ High-NRC | D Olympia™ Micro™ |
| A "F" Fissured™ Basic | D'' Orion™ |
| D Fissured™ | B Premier Hi-Lite™ |
| A Frost™ Basic | B Premier Nubby™ |
| A Frost™/Frost™ High-LR | D Radar™ Basic |
| A Glacier™ Basic | D Radar™/Radar™ Illusion™ |
| B Halcyon™/Halcyon™ ECO | D^{iv} Radar™ Ceramic |
| B' Halcyon™ Healthcare | D Radar™ High-NRC/High-CAC |
| B Halcyon™ Planks & Large Sizes | D Radar™ Open Plan /High Durability |
| D'' Juno™ | A&D Renditions™ |
| D^v Kitchen Lay-in Panels | A Sandrift™ |
| D'' Mars™ | C Sheetrock® Brand Lay-in Gypsum Panels |
| D''' Mars™ Healthcare | D Touchstone™ |

CLEANING

A, B, B', C, D, D', D'', D''', D^{iv}, D^v

Clean with a soft brush or vacuum gently.

Any dusting concerns for D panels, caused by punched perforations on black mineral fiber panels, can be resolved by using an Ostrich feather duster.

B, B', C, D', D'', D''', D^{iv}, D^v

Panel can be cleaned more thoroughly using a clean, white cloth damp with water or a mild, clear detergent and wiping the panel surface. Pat dry right after cleaning.

B', D''', D^v

Panel can be disinfected by lightly spraying the surface and wiping clean with a clean white cloth.

Acceptable colorless disinfectants include Hydrogen peroxide, Isopropyl alcohol, Quaternary ammonium or Sodium hypochlorite.

Do not mix cleaning solutions and follow cleaner manufacturer's instructions.

C, D'

Clean with a damp sponge, mild detergent and water. Do not use acetate ammonia or highly concentrated chlorine, bromide or other harsh chemicals. Pat dry after cleaning.

TOUCH UP OR REPAINTING OF CEILING PANEL FACES AND EDGES

Any repainting or touch up of the products must be as allowed in USG's Ceilings Commercial Application Warranty (SC2102). Please note that not all products can be repainted and that repainting will affect acoustical performance, appearance, microbial resistance, flame spread and smoke developed ratings, dimensional stability (sag and corner uplift), and ventilation through the ceiling panels or tiles. USG will not be responsible for the finished appearance or performance of any field painted ceiling panels.

All warranties will be voided by field painting.

USG recommends replacing ceiling panels instead of field painting, but if field painting of either the edge or face of the panel is required the following information can be used to help select an appropriate paint type.

CATEGORY A PANELS (CAST MINERAL FIBER)

A white vinyl acrylic flat wall or ceiling paint is recommended.

Note: For high LR and colored cast panels, request a color chip through your USG sales representative.

CATEGORY B AND B' PANELS (FIBERGLASS)

USG Halcyon™ Touch-up Edge Paint is recommended for treating field cut reveal edges. All field cut edges "exposed to view" should be colored to match the factory finish of the panel. Commodity codes: 708753 for 1/2 Pint, 708754 for a Pint, 708755 for a Quart, and 708756 for a Gallon.

CLEANROOM PANELS

Field cut edges for USG cleanroom panels must be sealed with white latex paint. USG has the following cleanroom products:

- USG Clean Room™ Panels (D^I)
- USG Mars™ Healthcare Clean Room (D^{III})
- USG Sheetrock® Brand Lay-in Gypsum Panels (C)

CATEGORY D, D^{II}, D^{III}, D^{IV}, D^V PANELS (WET FELT)

Touch up paints to be used on panels listed in Category D are available from two primary sources:

- A local hardware dealer (or paint store)
- A "Big Box" retail store

With the advancements in color matching technology available at paint retailers, as well as changes to paint color formulations, USG recommends a sample of the ceiling panel that is to be matched be taken to the paint retailer for best results.

"Exposed to view" field cut reveal edges on all Category D, D^{II}, D^{III}, D^{IV} and panels can also be treated with White Pastel Pigment Sticks to have the color match the factory finish.

Commodity code: 600677, 4 pc carton on the USG.com sample website.



PRODUCT INFORMATION

For the most up-to-date technical information, visit usgdesignstudio.com or cgcdesignstudio.com

CUSTOMER SERVICE

USG: 800 950-3839

CGC: 800 387-2690

TECHNICAL SERVICE

800 USG.4YOU (874-4968)

WEBSITES

usg.com

cgcinc.com

usgdesignstudio.com

cgcdesignstudio.com

ecomedes.com

SAMPLES/LITERATURE

USG: usg.com

CGC: Contact Local Sales Rep

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SAFETY

Safety First! Follow good safety/industrial hygiene practices during installation of all products and systems. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation. Be cautious with exposed sharp edges when handling ceiling system components.

INSTALLATION

Prior to installation, make sure your project complies with any seismic and non-seismic requirements. Must be installed in compliance with ASTM C636, ASTM E580, utilizing standard industry practices and adopting applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the authority having jurisdiction. USG Ceilings recommends checking with the authority having jurisdiction prior to designing and installing a suspended ceiling system.

LIMITATION

Some commercially acceptable color variation may occur between lots and between different size products of the same color.

LIABILITY

We shall not be liable for any 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 of 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. For all terms and conditions, see usg.com/terms-and-conditions.

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Wake Technical Community College
Architect: BSA LifeStructures
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