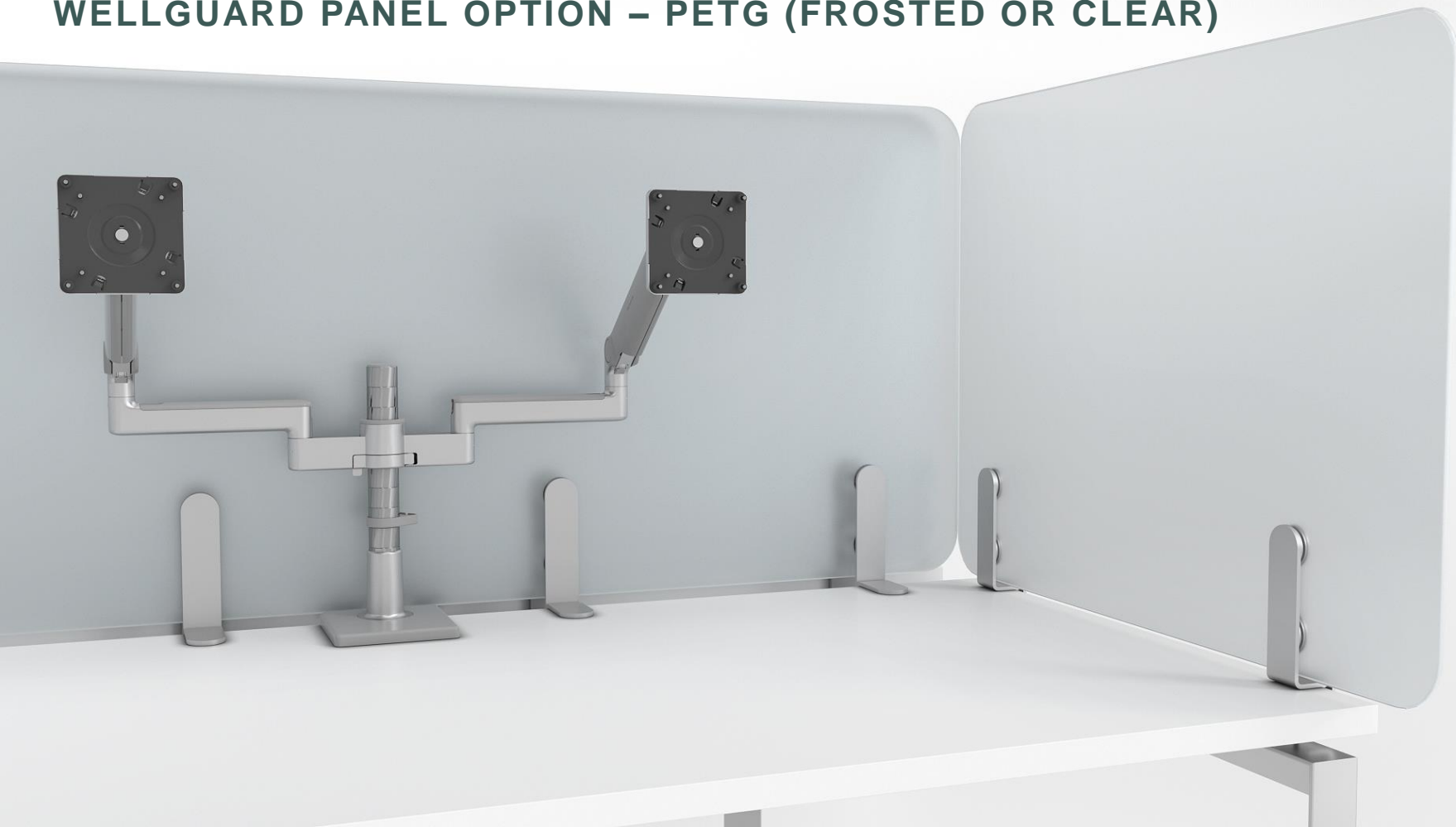
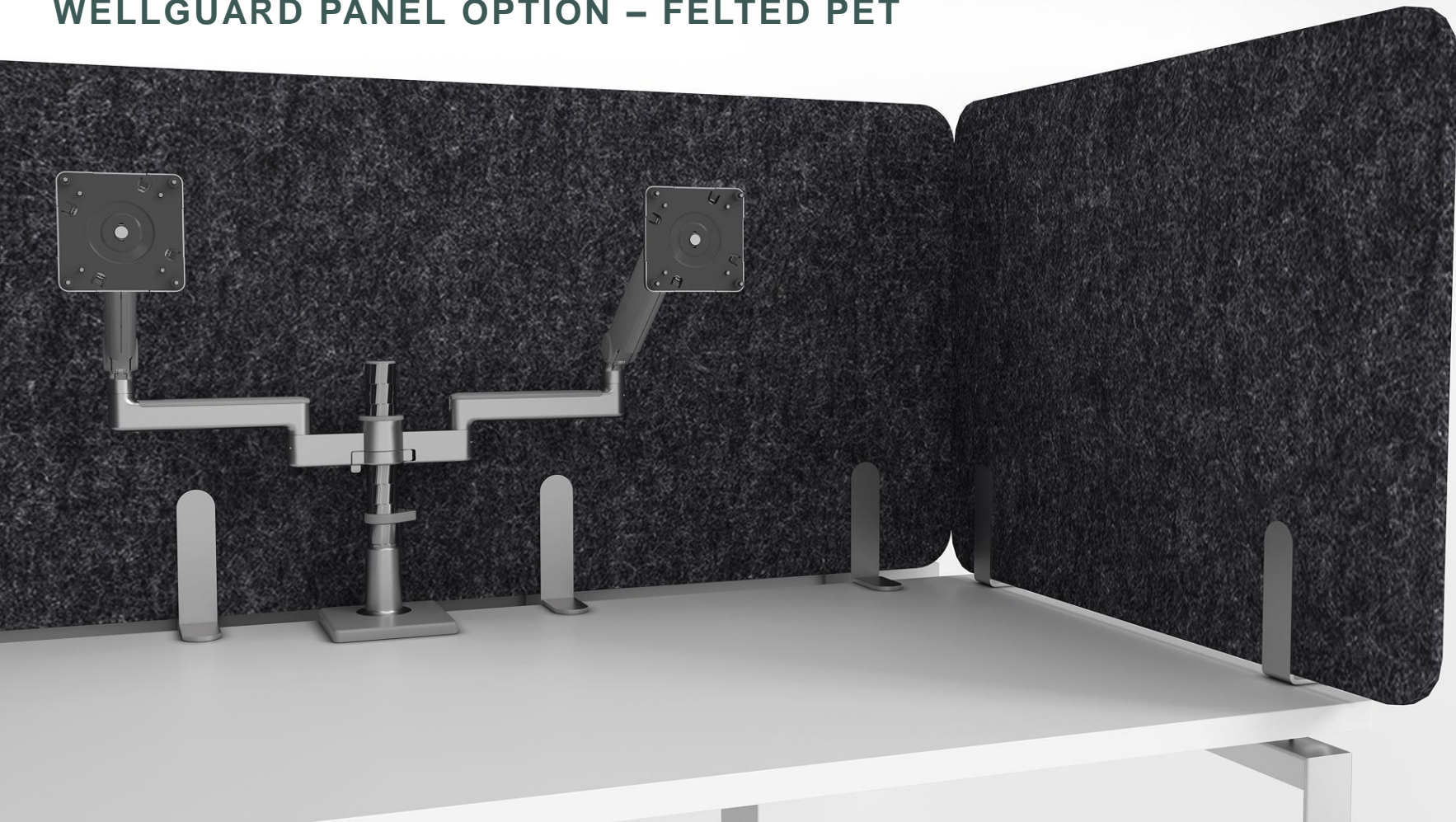


SEPARATION PANELS

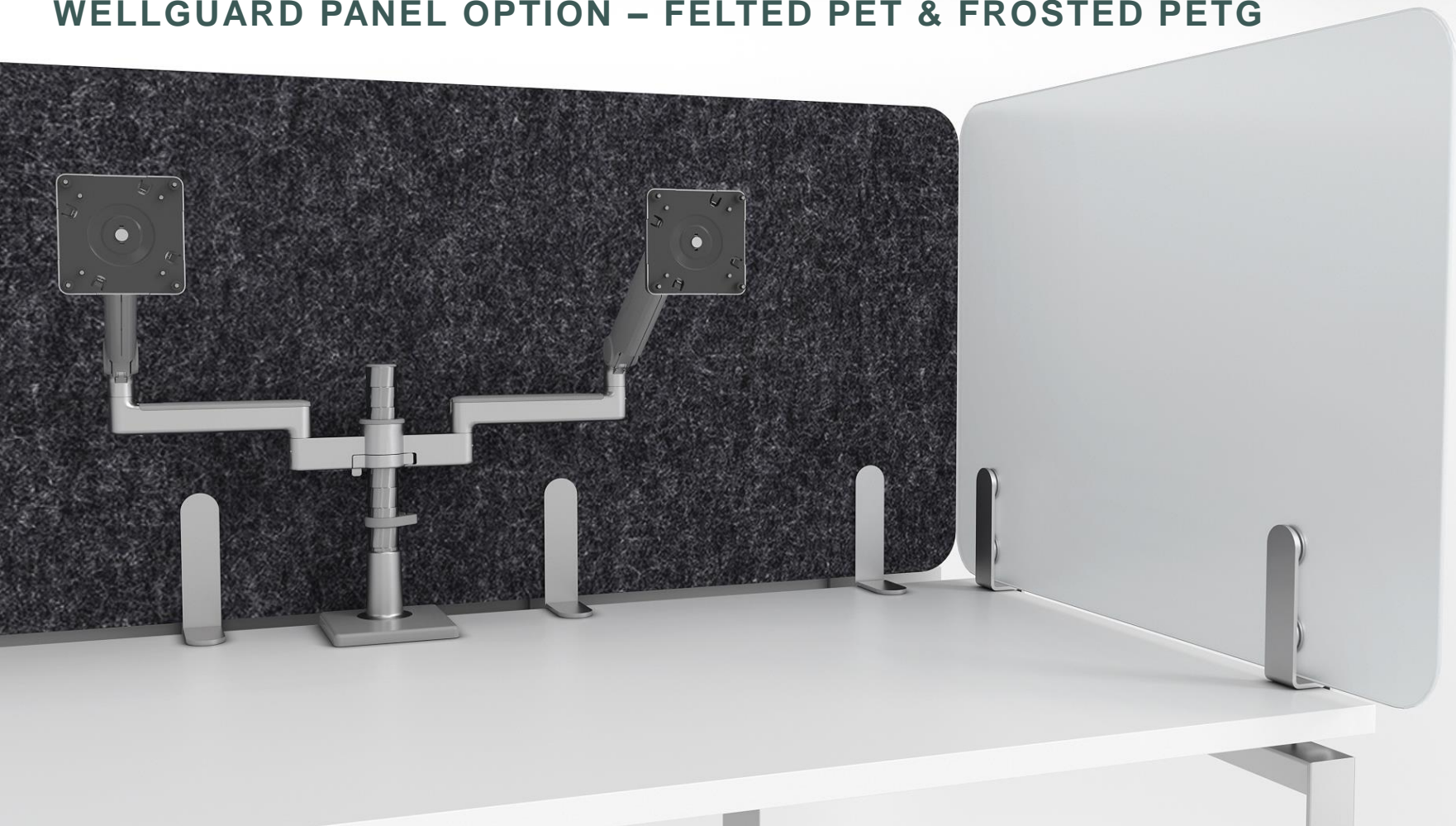
WELLGUARD PANEL OPTION – PETG (FROSTED OR CLEAR)



WELLGUARD PANEL OPTION – FELTED PET



WELLGUARD PANEL OPTION – FELTED PET & FROSTED PETG



ATTACHMENT OPTIONS



Offset Clamp Mount



Top Clamp Mount



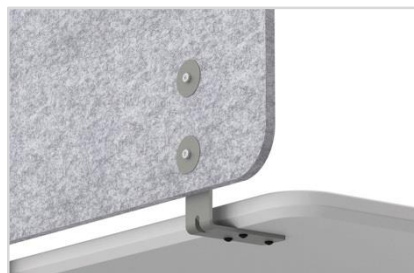
Front Clamp Mount



Panel Mount



Freestanding Mount



L Bracket Mount



Top Direct Mount

PETG vs. Acrylic

Selection Criteria & Performance

IMPORTANT CRITERIA



**Cleaning and
Disinfecting**



**Resistance to
Breakage**



Flammability



Sustainability

CLEANING AND DISINFECTING

- Acrylic tends to craze and become cloudy with many EPA-approved cleaners
- PETG has strong chemical resistance and holds up well over time to all EPA approved cleaners

	Ethyl Alcohol	Isopropyl Alcohol	Hydrogen Peroxide	Bleach	Ammonium
PETG	PASS Up to 96%	PASS	PASS Up to 28%	PASS	PASS Short usage
Acrylic	FAIL Up to 40%	FAIL Up to 30%	FAIL Up to 3%	PASS	FAIL

Note: Percentages listed are allowable concentration of chemical for safe cleaning

CRAZING ON ACRYLIC PANELS

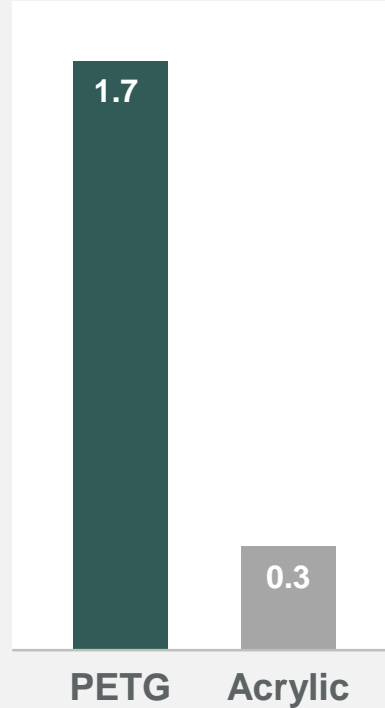
- Crazing on acrylic panels from various cleaning products - these microfractures weaken the material and increase the likelihood of breaking/splintering



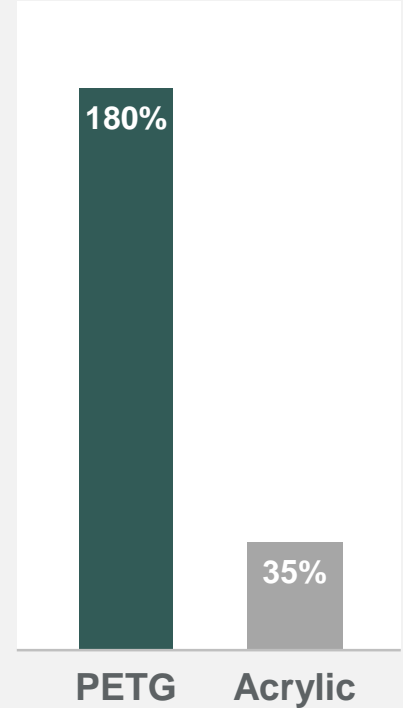
RESISTANCE TO BREAKAGE

- PETG is significantly more resilient and has much greater impact strength than acrylic
- Acrylic has a tendency to splinter when broken causing a potential safety hazard

Impact Strength
(ft-lb/in)

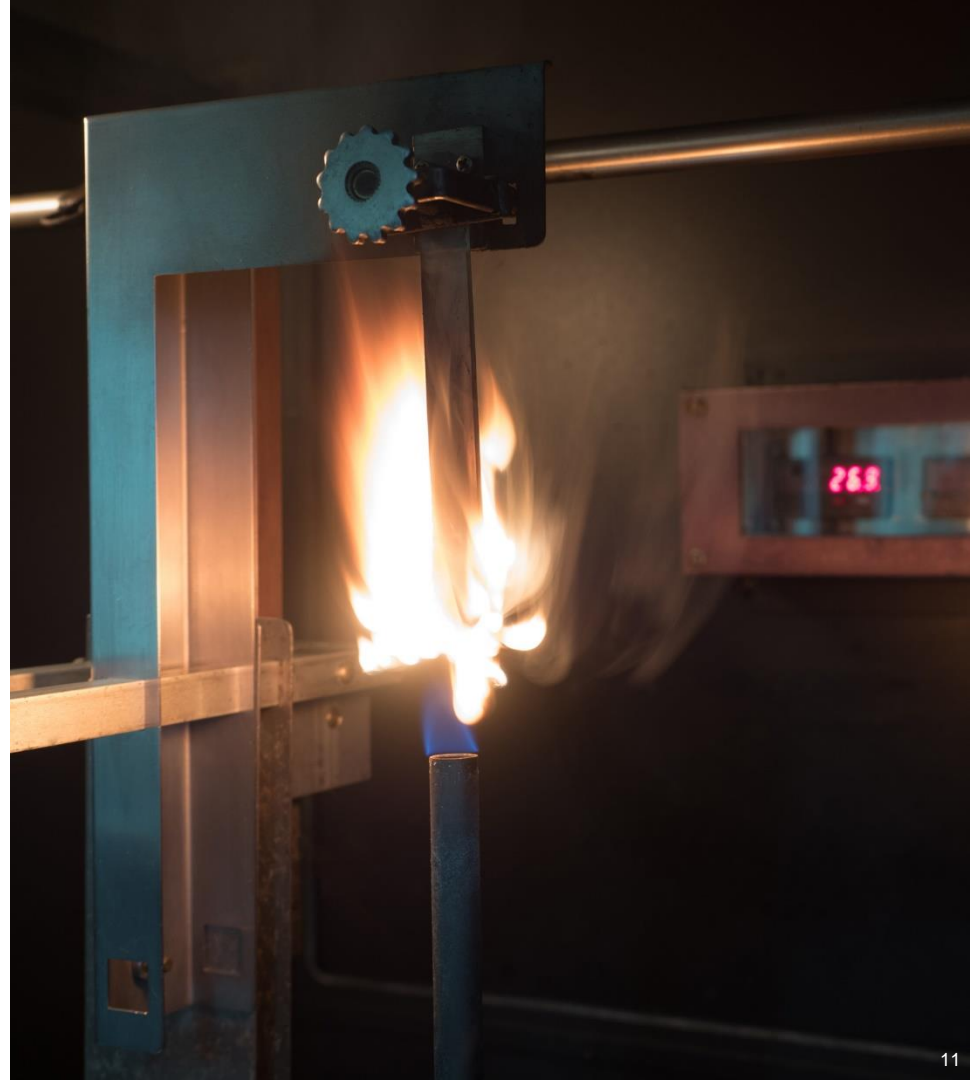


Fracture Strain
(% stretch to break)



FLAMMABILITY

- Acrylic is classified as a flammable material
 - UL94 HB rating, lowest rating
 - It will continue burning until consumed
- PETG has V-2 flame rating
 - Burning stops within 60 seconds of flame removal



SUSTAINABILITY AND RECYCLABILITY

- Carbon Emissions – PETG has half the lifecycle Carbon Footprint of acrylic
 - PETG – 3.56 kg CO₂e per kg material
 - Acrylic – 7.13 kg CO₂e per kg material
- PETG is a No. 1 PET resin, which is the same as a water bottle – the most-recycled plastic globally
- Acrylic is a No. 7 “Other” resin
 - Not typically collected and difficult to find recyclers willing to accept



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