

EPA's Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing

The [recommendations of specifications, standards, and ecolabels](#) are intended to help federal purchasers identify and procure environmentally sustainable products and services. Some of the recommendations are based on an independent assessment of private sector environmental performance standards and ecolabels against the multi-stakeholder developed [EPA Guidelines for Environmental Performance Standards and Ecolabels](#).

Where an independent assessment of a standard or ecolabel against guidelines does not exist, the recommendations are based on specifications, environmental performance standards and ecolabels selected and utilized by other agencies. Currently, the recommendations include standards and ecolabels from:

- [Department of Energy's \(DOE's\) Priority Products List](#)
- [General Services Administration's \(GSA's\) Key Sustainable Products](#)

In general, the recommendations give preference to multi-attribute (i.e., life-cycle based) standards and ecolabels for which EPA has been able to confirm the availability of a competent certification body that is either:

- Accredited by an accreditation body that is a signatory to the International Accreditation Forum Multilateral Recognition Arrangement (IAF MLA) and has the relevant standard in the scope of its accreditation, or
- Otherwise meets [Section III of EPA's Guidelines](#).

Federal purchasers can visit [GSA's Green Procurement Compilation](#) to see all relevant federal green purchasing requirements for any product or service, including EPA's Recommendations.

The [assessment summaries](#) provide detailed information regarding the standards and ecolabels in the recommendations. Please email epp@epa.gov to request a copy of a standard/ecolabel's full Pilot Guidelines assessment. Note that these are only available for standards/ecolabels identified with [footnote 1](#).

(Updated February 28, 2018)


Contents

EPA’s Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing.....	3
I. Product Category: CAFETERIA.....	3
TAKE-OUT SERVICE: Containers, Cutlery, and Dishware.....	3
COMMERCIAL DISHWASHER DETERGENT	3
II. Product Category: CONSTRUCTION	4
ADHESIVES	4
CARPET	5
CEILING TILES-ACOUSTICAL.....	6
FIBERBOARD, GYPSUM PANELS, AND WALLBOARD	7
INSULATION	9
INTERIOR LATEX PAINT	10
LUMBER/WOOD.....	11
III. Product Category: CUSTODIAL.....	12
CLEANERS: Carpet, Glass, and Multipurpose	12
FLOOR CARE	12
HAND SOAP	13
TOILET TISSUE	13
TOWELS-PAPER	13
WASTEBASKET LINERS (24” x 33” or smaller)	14
IV. Product Category: ELECTRONICS	15
COMPUTERS:.....	15
IMAGING EQUIPMENT:	15
MOBILE PHONES	15
TELEVISIONS.....	15
V. Product Category: GROUNDS/LANDSCAPING.....	16
DE-ICER.....	16
VI. Product Category: OFFICE/FURNITURE.....	17
COPY PAPER	17
FURNITURE.....	18
Footnotes	20
Instructions for U.S. Federal Government Employees on How to Access Standards	21
Find Products	23

EPA's Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing

Please refer to [EPA's webpage](#) for the most up-to-date links to access the standards/ecolabels


I. Product Category: CAFETERIA



TAKE-OUT SERVICE: Containers, Cutlery, and Dishware		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> Biodegradable Products Institute certified compostable (provided composting available)² 	

COMMERCIAL DISHWASHER DETERGENT		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND either the applicable EPA program OR one of the private sector standards/ecolabels:	Applicable EPA Program:  Safer Choice	
	Private Sector Standards and Ecolabels: <ul style="list-style-type: none"> Green Seal™ 53 Standard for Specialty Cleaning Products for Industrial and Institutional Use² Ecologo/UL 2759 Standard for Hard Surface Cleaners² 	


II. Product Category: CONSTRUCTION

- | | |
|---|---------------------------------------|
| 1) Adhesives | 5) Flooring |
| 2) Carpet | 6) Insulation |
| 3) Ceiling Tiles-Acoustical | 7) Interior Latex Paint |
| 4) Fiberboard, Gypsum Panels, and Wallboard | 8) <i>Lumber/ Wood (Under Review)</i> |



ADHESIVES		
Products shall meet:	Recommended Standard or Ecolabel	Notes
<p>Either the applicable EPA program OR one of the private sector standards/ecolabels:</p>	<p>Applicable EPA Program:  Significant New Alternatives Policy</p>	
	<p>Private Sector Standards and Ecolabels:</p> <ul style="list-style-type: none"> • Cradle to Cradle Certified™ Product Standard¹ • SCS Indoor Advantage™ Gold¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ • Ecologo/UL 2762 Sustainability Standard for Adhesives² 	<p>These private sector standards/ecolabels are recommended by EPA because they incorporate by reference the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010 (CDPH v1.1-2010) as requirements. <i>(This is the VOC emission testing method for California Specification 01350.)</i> There may be other certifiers/ecolabels that also require products to meet CDPH v1.1-2010 (or equivalent).</p>

CARPET		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 BioPreferred®  CPG	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND one of these private sector standards/ecolabels:	<p>1st Choice[†]: Multi-attribute with confirmed accredited or conforming certification body</p> <ul style="list-style-type: none"> • Cradle to Cradle Certified™ Product Standard¹ • Good Environmental Choice Australia (GECA) Floor Coverings^{1*} • GreenCircle Environmental Facts for Flooring Products^{1 *} • NSF/ ANSI 140 Sustainability Assessment for Carpet¹ AND the specification below 	<p>[†] Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.</p>
If a product meeting a 1 st Choice standard/ecolabel is not available, use one of these multi-attribute standards/ecolabels:	<p>Multi-attribute, but unable to confirm accredited or conforming certification body^{**}</p> <ul style="list-style-type: none"> • Environmental Choice New Zealand EC-33-14 Synthetic Carpets^{1*} • International Living Future Institute: Living Product ChallengeSM 1.0^{1*} • Sustainable Materials Rating Technology (SMaRT)¹ AND the specification below 	<p>^{**}These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available (more information in footnotes).</p>
If a product meeting one of the standards/ecolabels above is not available, use one <i>or more</i> of these single-attribute standards/ecolabels to address key hotspots:	<p>Single-Attribute</p> <p>Indoor Air Quality/VOC Emissions & leadership approaches to chemicals:</p> <ul style="list-style-type: none"> • International Living Future Institute: Declare^{1*} <p>Indoor Air Quality/VOC Emissions:</p> <ul style="list-style-type: none"> • CRI Green Label Plus™ Program^{1 *} • FloorScore® ¹ • SCS Indoor Advantage™ Gold ¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ 	



	Recycled Content: <ul style="list-style-type: none"> • Global Recycled Standard¹AND the specification below 	
AND , this specification when using NSF/ ANSI 140, SMaRT, or the Global Recycled Standard:	<ul style="list-style-type: none"> • California Department of Public Health (CDPH) Standard Method for Testing and Evaluation of VOC (Volatile Organic Chemical) Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. 	This VOC emission specification is necessary because this hotspot may not be addressed adequately for carpet meeting NSF/ANSI 140, SMaRT, or the Global Recycled Standard.

CEILING TILES-ACOUSTICAL		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred[®]	For specific requirements, go to GSA's Green Procurement Compilation .
AND one of the private sector standards/ecolabels:	<ul style="list-style-type: none"> • Cradle to Cradle Certified[™] Product Standard¹ • SCS Indoor Advantage[™] Gold¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ 	To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. (This is the VOC emission testing method for California Specification 01350.) These certifications/ecolabels have been assessed by EPA and incorporate by reference CDPH v1.1-2010 (or equivalents) as either optional or required criteria. There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.

FIBERBOARD, GYPSUM PANELS, AND WALLBOARD




Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 BioPreferred®  CPG	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND one of the private sector standards/ecolabels:	<ul style="list-style-type: none"> • Cradle to Cradle Certified™ Product Standard¹ • SCS Indoor Advantage™ Gold¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ 	<p>To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. (This is the VOC emission testing method for California Specification 01350.) These certifications/ecolabels have been assessed by EPA and incorporate by reference CDPH v1.1-2010 (or equivalents) as either optional or required criteria. There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.</p>

FLOORING – Tile, Resilient, and other Non-Carpet



Products shall meet:	Recommended Standard or Ecolabel	Notes
<p>The applicable statutory requirements:</p>	<div style="display: flex; flex-direction: column; align-items: center;">  <u>BioPreferred®</u> </div> <div style="display: flex; flex-direction: column; align-items: center;">  <u>CPG</u> </div>	<p>For specific requirements, go to GSA's <u>Green Procurement Compilation</u>.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
<p>AND one of these private sector standards/ecolabels:</p>	<p>1st Choice[†]: Multi-attribute with confirmed accredited or conforming certification body</p> <ul style="list-style-type: none"> • <u>Cradle to Cradle Certified™ Product Standard¹ #</u> • <u>Good Environmental Choice Australia (GECA) Floor Coverings¹ *</u> • <u>GreenCircle Environmental Facts for Flooring Products¹ *</u> • <u>NSF/ ANSI 332 Sustainability Assessment for Resilient Floor Coverings¹</u> • <u>Tile Council of North America (TCNA): ANSI A138.1/ Green Squared¹</u> 	<p>[†] Please note that these recommendations do not currently consider the standards'/ ecolabels'/ certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.</p>
<p>If a product meeting a 1st Choice standard/ecolabel is not available, use one of these multi-attribute standards/ecolabels:</p>	<p>Multi-attribute, but unable to confirm accredited or conforming certification body**</p> <ul style="list-style-type: none"> • <u>International Living Future Institute: Living Product ChallengeSM 1.0¹ * #</u> • <u>Sustainable Materials Rating Technology (SMaRT)¹ #</u> AND the specification below 	<p>**These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available (more information in footnotes).</p>
<p>If a product meeting one of the standards/ecolabels above is not available, use one <i>or more</i> of these single-attribute standards/ecolabels to address key hotspots:</p>	<p>Single-Attribute</p> <p>Indoor Air Quality/VOC Emissions/other Leadership Approaches to Chemicals:</p> <ul style="list-style-type: none"> • <u>International Living Future Institute: Declare^{1*}</u> <p>Indoor Air Quality/VOC Emissions:</p> <ul style="list-style-type: none"> • <u>FloorScore®¹</u> • <u>SCS Indoor Advantage™ Gold¹</u> • <u>UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹</u> 	

	Recycled Content: <ul style="list-style-type: none"> • Global Recycled Standard^{1*} AND the specification below 	
AND , this specification when using SMaRT or the Global Recycled Standard:	California Department of Public Health (CDPH) Standard Method for Testing and Evaluation of VOC (Volatile Organic Chemical) Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010.	This VOC emission specification is necessary because this hotspot may not be addressed adequately for flooring meeting SMaRT or the Global Recycled Standard.

INSULATION

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 BioPreferred[®]  CPG  ENERGY STAR[®]	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND one of the private sector standards/ecolabels:	<ul style="list-style-type: none"> • Cradle to Cradle Certified[™] Product Standard¹ • SCS Indoor Advantage[™] Gold¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ 	<p>To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. (This is the VOC emission testing method for California Specification 01350.) These certifications/ecolabels have been assessed by EPA and incorporate by reference CDPH v1.1-2010 (or equivalents) as either optional or required criteria. There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.</p>

INTERIOR LATEX PAINT


Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND one of these private sector standards/ecolabels:	<p>1st Choice[†]: Multi-attribute with confirmed accredited or conforming certification body</p> <ul style="list-style-type: none"> • Cradle to Cradle Certified™ Product Standard¹ • Good Environmental Choice Australia (GECA) Paints & Coatings^{1*} • Green Seal™ 11 Standard for Paints, Coatings, Stains, and Sealers^{1*} • Green Seal™ 43 Standard for Recycled Content Latex Paints^{1*} • Master Painters Institute (MPI®) Extreme Green™ ^{1*} 	<p>[†] Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.</p>
If a product meeting a 1 st Choice standard/ecolabel is not available, use one of these multi-attribute standards/ecolabels:	<p>Multi-attribute, but unable to confirm accredited or conforming certification body^{**}</p> <ul style="list-style-type: none"> • Environmental Choice New Zealand EC-07-15 Paints^{1*} • International Living Future Institute: Living Product ChallengeSM 1.0^{1*} • Sustainable Materials Rating Technology (SMaRT)¹ 	<p>^{**}These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available (more information in footnotes).</p>
If a product meeting one of the standards/ecolabels above is not available, use one <i>or more</i> of these single-attribute standards/ecolabels to address key hotspots:	<p>Single-Attribute</p> <p>Indoor Air Quality/VOC Emissions/other Leadership Approaches to Chemicals:</p> <ul style="list-style-type: none"> • International Living Future Institute: Declare^{1*} <p>Indoor Air Quality/VOC Emissions:</p> <ul style="list-style-type: none"> • SCS Indoor Advantage™ Gold¹ • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ 	<p>To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. (This is the VOC emission testing method for California Specification 01350.) These certifications/ecolabels have been assessed by EPA and incorporate by reference CDPH</p>


		v1.1-2010 (or equivalents) as either optional or required criteria. There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.
--	--	---

LUMBER/WOOD
Under Review


III. Product Category: CUSTODIAL


- | | |
|--|--|
| 1) Cleaners: Carpet, Glass, Multipurpose | 4) Toilet Tissue |
| 2) Floor Care | 5) Towels- Paper |
| 3) Hand Soap | 6) Wastebasket Liners (24" x 33" or smaller) |

CLEANERS: Carpet, Glass, and Multipurpose		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND either the applicable EPA program OR one of the private sector standards/ecolabels:	Applicable EPA Program:  Safer Choice	
	Private Sector Standards and Ecolabels: <ul style="list-style-type: none"> • Green Seal™ 37 Standard for Cleaning Products for Industrial and Institutional Use³ • Ecologo/UL 2759 Standard for Hard Surface Cleaners³ 	



FLOOR CARE		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND either the applicable EPA program OR one of the private sector standards/ecolabels:	Applicable EPA Program:  Safer Choice	
	Private Sector Standards and Ecolabels: <ul style="list-style-type: none"> • Green Seal™ 40 Standard for Floor-Care Products for Industrial and Institutional Use² • Ecologo/UL 2777 Standard for Sustainability for Hard Floor Care² 	

HAND SOAP		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND either the applicable EPA program OR one of the private sector standards/ecolabels:	Applicable EPA Program:  Safer Choice	
	Private Sector Standards and Ecolabels: <ul style="list-style-type: none"> • Green Seal™ 41 Standard for Hand Cleaners for Industrial and Institutional Use³ • Ecologo/UL 2784 Standard for Hand Cleaners³ 	

TOILET TISSUE		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 CPG	For specific requirements, go to GSA's Green Procurement Compilation .
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> • Green Seal™ 01 Standard for Sanitary Paper Products³ 	

TOWELS-PAPER		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 CPG	For specific requirements, go to GSA's Green Procurement Compilation .
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> • Green Seal™ 01 Standard for Sanitary Paper Products³ 	

WASTEBASKET LINERS (24" x 33" or smaller)

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®  CPG	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> • UL 126 Standard for Sustainability for Plastic Film Products³ 	Requires 25% post-consumer recycled content for packaging and 20-25% for plastic film products.



IV. Product Category: ELECTRONICS

- 1) Computers
- 2) Imaging Equipment

- 3) Mobile Phones
- 4) Televisions


COMPUTERS:

Desktops, Notebooks (including 2-in-1 notebooks), Displays (including touch screen monitors), Integrated Desktop Computers, Workstation Desktops, Thin Clients, and Slates/Tablets

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 ENERGY STAR®  Federal Energy Management Program	
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> EPEAT Registered (highest rating available)² 	

IMAGING EQUIPMENT:


Printers, Copiers, Multi-function Devices, Scanners, Fax Machines, Digital Duplicators, Mailing Machines

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 ENERGY STAR®	
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> EPEAT Registered (highest rating available)² 	

MOBILE PHONES

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	N/A	
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> EPEAT Registered (highest rating available)² 	


TELEVISIONS

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 ENERGY STAR®	
AND the private sector standard/ecolabel:	<ul style="list-style-type: none"> EPEAT Registered (highest rating available)² 	



V. Product Category: GROUNDS/LANDSCAPING

DE-ICER		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 BioPreferred®	For specific requirements, go to GSA's Green Procurement Compilation .
AND either the applicable EPA program OR the private sector standard/ecolabel:	Applicable EPA Program:  Safer Choice	
	Private Sector Standards and Ecolabels: <ul style="list-style-type: none"> • Pacific Northwest Snowfighters Qualified Products² 	

VI. Product Category: OFFICE/FURNITURE

COPY PAPER		
Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirement:	 CPG	For specific requirements, go to GSA's Green Procurement Compilation . 30% Post-consumer recycled content.
AND one of the private sector standards/ecolabels:	<ul style="list-style-type: none"> • Ecologo/UL 2771 Standard for Sustainable Paper Products² • Green Seal™ 07 Standard for Printing and Writing Paper² 	

FURNITURE

Products shall meet:	Recommended Standard or Ecolabel	Notes
The applicable statutory requirements:	 BioPreferred®  CPG	<p>For specific requirements, go to GSA's Green Procurement Compilation.</p> <p>When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).</p>
AND one of the private sector standard/ecolabels:	<p>1st Choice[†]: Multi-attribute with confirmed accredited or conforming certification body</p> <ul style="list-style-type: none"> • ANSI/ BIFMA e3 Furniture Sustainability Standard – level® certified¹ AND specification 1 & 2 below • Cradle to Cradle Certified™ Product Standard¹ AND specification 1 (unless certified Gold or Platinum) & 2 below • Good Environmental Choice Australia (GECA) Furniture, Fittings, and Foam¹ * AND specification 2 below • TÜV Rheinland® Green Product Mark¹ AND specification 2 below 	<p>[†] Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.</p>
If a product meeting a 1 st Choice standard/ecolabel is not available, use one of these multi-attribute standards/ecolabels:	<p>Multi-attribute, but unable to confirm accredited or conforming certification body^{**}</p> <ul style="list-style-type: none"> • International Living Future Institute: Living Product ChallengeSM 1.0¹ * AND specification 2 below • Sustainable Furnishings Council Exemplary¹ * AND specification 1 & 2 below • Sustainable Materials Rating Technology (SMaRT)¹ AND specification 1 & 2 below 	<p>^{**}These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available (more information in footnotes).</p>
If a product meeting one of the standards/ecolabels above is not available, use one <i>or more</i> of the single-attribute standards/ecolabels to address key hotspots:	<p>Single-Attribute</p> <p>Indoor Air Quality/VOC Emissions/other Leadership Approaches to Chemicals:</p> <ul style="list-style-type: none"> • International Living Future Institute: Declare^{1*} AND specification 2 below 	

	<p>Indoor Air Quality/VOC Emissions:</p> <ul style="list-style-type: none"> • SCS Indoor Advantage™ Gold for Furniture¹ AND specification 1 & 2 below • UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings¹ AND specification 2 below <p>Recycled Content:</p> <ul style="list-style-type: none"> • Global Recycled Standard^{1*} AND specification 1 & 2 below <p>Textiles[^]:</p> <ul style="list-style-type: none"> • Association for Contract Textiles NSF/ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric^{1^} AND specification 1 & 2 below 	<p>[^] EPA did not specifically solicit textile standards/ecolabels for the pilot. There could be others that are interested in being assessed per the Guidelines and considered for EPA’s Recommendations in the future.</p>
<p>1) AND this specification when using the ANSI/BIFMA e-3, Cradle to Cradle (unless certified Gold or Platinum), Sustainable Furnishings Council Exemplary, SMaRT, SCS, Global Recycled Standard, and NSF/ANSI 336:</p>	<p>Products shall meet the emissions requirements of BIFMA e3 criterion 7.6.2, or equivalent.</p>	<p>This VOC emission specification is necessary because this hotspot may not be addressed adequately for furniture meeting ANSI/BIFMA e-3, Cradle to Cradle, Sustainable Furnishings Council Exemplary, SMaRT, SCS, Global Recycled Standard, and NSF/ANSI 336</p>
<p>2) AND this specification when using any of the private sector standards/ecolabels listed above:</p>	<p>Upholstered products shall meet Technical Bulletin 117-2013 (California’s furniture flammability standard) and must comply with the labeling requirements California Senate Bill 1019, which was passed on September 30, 2014, and requires a label indicating whether the product contains or does not contain added Flame Retardants.</p>	<p>Applicable to ALL private sector standards/ecolabels listed above because Hazardous Flame Retardants are not addressed.</p>

Footnotes

¹ Recommendation based on EPA's assessment per the 2016 Pilot Guidelines. For more information on the Pilot and the assessment results, please visit the [Background tab](#). [Assessment Summaries for Carpet, Interior Latex Paints, Flooring, and Furniture](#) are available for more detailed information.

² Recommendation based on DOE's Office of Sustainable Environmental Stewardship analysis. For further information on this voluntary program, see:

- [DOE's full Priority Products List](#)
- [DOE's background and evaluation process](#)

³ Recommendation based on GSA's Public Buildings Service analysis. For further information, see:

- [GSA's Key Sustainable Products Initiative](#)
- [GSA's background and evaluation process](#)

*This standard does not meet baseline criteria in Section I of EPA's Guidelines, which contains the requirements necessary to demonstrate that a standard is a Voluntary Consensus Standard (VCS). Section 12(d) of The National Technology Transfer and Advancement Act (NTTAA, PL 103-114) calls federal agencies to use Voluntary Consensus Standards (VCS) in lieu of government-unique standards in their procurement and regulatory activities, except where inconsistent with law or otherwise impractical. Section 5(e) of the Office of Management and Budget Circular A-119 (OMB A-119) further outlines factors that individual agencies should evaluate when determining whether to use a standard, on a case by case basis. This includes the extent to which the standards development process reflected the attributes of a VCS body. Federal agency representatives can contact their agency's Standards Executive (list of agency Standards Executives available here: <https://standards.gov/icsp/query/members.cfm>) for assistance in determining whether this standard should be considered for use by the agency.

**These certification programs do not meet baseline criteria in Section III of EPA's guidelines, which contains the requirements necessary to demonstrate that a conformity assessment body is competent to assess conformance with the standard and follows general good practice specific to conformity assessment for environmental performance standards. An alternative method to demonstrate that a conformity assessment body is competent to assess conformance to this standard is proof of accreditation by an accreditation body that is a signatory to the International Accreditation Forum Multilateral Recognition Arrangement (IAF MLA) for a scope including ISO/IEC 17065 and this applicable standard. Guidance on Federal Conformity Assessment (15 CFR Part 287) directs federal agencies to identify appropriate private sector conformity assessment practices and programs (including third-party certification) and consider the results of such practices and/or programs as appropriate in procurement activities. The Guidance stresses that responsibility for the determination of appropriateness rests with each agency. Federal agency representatives can contact their agency's Standards Executive (list of agency Standards Executives available here: <https://standards.gov/icsp/query/members.cfm>) for assistance in determining whether this standard should be considered for use by the agency.

This standard is not applicable to vinyl floor covering or vinyl furniture/upholstery.

Instructions for U.S. Federal Government Employees on How to Access Standards

If you are a U.S. federal government employee who would like access to one of the standards or ecolabels recommended by EPA, please follow the instructions below. The developers of these standards and ecolabels will make them available free of charge to federal government employees for reference and review purposes. Please email EPP@epa.gov if you have any difficulties accessing the below standards and ecolabels free of charge.

Federal agency representatives can [contact their agency's Standards Executive for further assistance.](#)

Access Recommended Standards and Ecolabels Free of Charge:

Instructions: Click the following links to gain access to the following standards/ecolabels. Federal government employees should contact the organization directly to gain free access.

- [ANSI/BIFMA e3 Furniture Sustainability Standard – level® certified](#)
- [ANSI/BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions](#)
- [Association for Contract Textiles NSF/ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric](#)
- [Biodegradable Products Institute certified compostable \(provided composting available\)](#)
- [Cradle to Cradle Certified™ Product Standard](#)
- [CRI Green Label Plus™ Program](#)
- [Environmental Choice New Zealand EC-07-15 Paints](#)
- [Environmental Choice New Zealand EC-33-14 Synthetic Carpets](#)
- [EPEAT Registered \(highest rating available\)](#)
- [FloorScore®](#)
- [Global Recycled Standard](#)
- [Good Environmental Choice Australia \(GECA\) Floor Coverings](#)
- [Good Environmental Choice Australia \(GECA\) Furniture, Fittings, and Foam](#)
- [Good Environmental Choice Australia \(GECA\) Paints & Coatings](#)
- [GreenCircle Certified Environmental Facts for Flooring Products](#)
- [Green Seal™ 01 Standard for Sanitary Paper Products](#)
- [Green Seal™ 07 Standard for Printing and Writing Paper](#)
- [Green Seal™ 11 Standard for Paints, Coatings, Stains, and Sealers](#)
- [Green Seal™ 37 Standard for Cleaning Products for Industrial and Institutional Use](#)
- [Green Seal™ 40 Standard for Floor-Care Products for Industrial and Institutional Use](#)
- [Green Seal™ 41 Standard for Hand Cleaners for Industrial and Institutional Use](#)
- [Green Seal™ 43 Standard for Recycled Content Latex Paints](#)
- [Green Seal™ 53 Standard for Specialty Cleaning Products for Industrial and Institutional Use](#)
- [International Living Future Institute: Declare](#)
- [International Living Future Institute: Living Product ChallengeSM 1.0](#)
- [Master Painters Institute \(MPI®\) Extreme Green™](#)
- [NSF/ANSI 140 Sustainability Assessment for Carpet](#)
- [NSF/ANSI 332 International Sustainability Assessment for Resilient Floor Coverings](#)
- [Pacific Northwest Snowfighters Qualified Products](#)
- [SCS Indoor Advantage™ Gold](#)
- [SCS Indoor Advantage™ Gold for Furniture](#)
- [Sustainable Furnishings Council Exemplary](#)
- [Sustainable Materials Rating Technology \(SMaRT\)](#)
- [Tile Council of North America \(TCNA\): ANSI A138.1/ Green Squared](#)
- [TÜV Rheinland® Green Product Mark](#)

Access Recommended UL Standards Free of Charge:

Instructions: If you do not already have a registered account [visit UL to create one](#). Anyone with a .gov email address will gain access to the standard free of charge. Once the account is created follow the instructions below:

1. Click the desired standard below which will take you to the UL website.
2. Click the red "Purchase Options" button. It will take you to a new page, select "Secure PDF" with no fee, then click the red "Add to Cart" button.
3. On the next page click the red "Checkout" button.
4. If not already logged in, you will be asked for your log in information here. Log in and proceed to the next page and click the red "Checkout" button.
5. On the next page click the red "Go to Download PDF" button and follow the directions to download. You then should have full access to the following standards:
 - [Ecologo/UL 126 Standard for Sustainability for Plastic Film Products](#)
 - [Ecologo/UL 2759 Standard for Hard Surface Cleaners](#)
 - [Ecologo/UL 2762 Sustainability Standard for Adhesives](#)
 - [Ecologo/UL 2771 Standard for Sustainable Paper Products](#)
 - [Ecologo/UL 2777 Standard for Sustainability for Hard Floor Care](#)
 - [Ecologo/UL 2784 Standard for Hand Cleaners](#)
 - [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)

Find Products

To search for products that meet the recommended standards or ecolabels, browse the product registry links per product category listed below.

Inclusion in the Recommendations is not an endorsement by EPA of the standards/ecolabels or of any of the products conformant to these standards/ecolabels, but rather a statement that the standard/ecolabel meets EPA's Guidelines.

Cafeteria

Take-Out Service: Containers, Cutlery, Dishware

- [Biodegradable Products Institute](#)

Commercial Dishwasher Detergent

- [Green Seal™ 53 Standard for Specialty Cleaning Products for Industrial and Institutional Use](#)
- [Ecologo/UL 2759 Standard for Hard Surface Cleaners](#)

Construction

Adhesives

- [Cradle to Cradle Certified™ Product Standard](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)
- [Ecologo/UL 2762 Sustainability Standard for Adhesives](#)

Carpet

- [Cradle to Cradle Certified™ Product Standard](#)
- [Good Environmental Choice Australia \(GECA\) Floor Coverings](#)
- [GreenCircle Certified Environmental Facts for Flooring Products](#)
- [NSF/ ANSI 140 Sustainability Assessment for Carpet](#)
- [Environmental Choice New Zealand EC-33-14 Synthetic Carpets](#)
- [International Living Future Institute: Living Product ChallengeSM 1.0](#)
- [Sustainable Materials Rating Technology \(SMaRT\)](#)
- [International Living Future Institute: Declare](#)
- [CRI Green Label Plus™ Program](#)
- [FloorScore®](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)
- [Global Recycled Standard](#)

Ceiling Tiles-Acoustical

- [Cradle to Cradle Certified™ Product Standard](#)
- [SCS Indoor Advantage™ Gold](#)

- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)

Fiberboard, Gypsum Panels, and Wallboard

- [Cradle to Cradle Certified™ Product Standard](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)

Flooring

- [Cradle to Cradle Certified™ Product Standard](#)
- [Good Environmental Choice Australia \(GECA\) Floor Coverings](#)
- [GreenCircle Certified Environmental Facts for Flooring Products](#)
- NSF/ANSI 332 Sustainability Assessment for Resilient Floor Coverings
 - No directory of certified products available at this time
- Tile Council of North America (TCNA): ANSI A138.1/ Green Squared
 - [Green Squared Certified](#)
 - [SCS](#)
 - [UL](#)
- [International Living Future Institute: Living Product ChallengeSM 1.0](#)
- [Sustainable Materials Rating Technology \(SMaRT\)](#)
- [International Living Future Institute: Declare](#)
- [FloorScore®](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)
- [Global Recycled Standard](#)

Insulation

- [Cradle to Cradle Certified™ Product Standard](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)

Interior Latex Paint

- [Cradle to Cradle Certified™ Product Standard](#)
- [Good Environmental Choice Australia \(GECA\) Paints & Coatings Ecolabel](#)
- [GreenSeal™ 11 Standard for Paints, Coatings, Stains, and Sealers](#)
- [GreenSeal™ 43 Standard for Recycled Content Latex Paints](#)
- [Master Painters Institute \(MPI®\) Extreme Green™](#)
- [Environmental Choice New Zealand EC-07-15 Paints](#)
- [International Living Future Institute: Living Product ChallengeSM 1.0](#)
- [Sustainable Materials Rating Technology \(SMaRT\)](#)
- [International Living Future Institute: Declare](#)
- [SCS Indoor Advantage™ Gold](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)

Custodial

Cleaners: Carpet, Glass, Multipurpose

- [Green Seal™ 37 Standard for Cleaning Products for Industrial and Institutional Use](#)
- [Ecologo/UL 2759 Standard for Hard Surface Cleaners](#)

Floor Care

- [Green Seal™ 40 Standard for Floor-Care Products for Industrial and Institutional Use](#)
- [Ecologo/UL 2777 Standard for Sustainability for Hard Floor Care Products](#)

Hand Soap

- [Green Seal™ 41 Standard for Hand Cleaners for Industrial and Institutional Use](#)
- [Ecologo/UL 2784 Standard for Hand Cleaners](#)

Toilet Tissue

- [Green Seal™ 01 Standard for Sanitary Paper Products](#)

Towels- Paper

- [Green Seal™ 01 Standard for Sanitary Paper Products](#)

Wastebasket Liners (24" x 33" or smaller)

- [Ecologo/UL 126 Standard for Sustainability for Plastic Film Products](#)

Electronics

Computers: Desktops, Notebooks (including 2-in-1 notebooks), Displays, Integrated Desktop Computers, Workstation Desktops, Thin Clients, and Slates/Tablets

- [EPEAT Registered](#)

Imaging Equipment: Printers, Copiers, Multi-Function Devices, Scanners, Fax Machines, Digital Duplicators, Mailing Machines

- [EPEAT Registered](#)

Mobile Phones

- [EPEAT Registered](#)

Televisions

- [EPEAT Registered](#)

Grounds/Landscaping

- [Pacific Northwest Snowfighters Qualified Products](#)

Office/Furniture

Copy Paper

- [Ecologo/UL 2771 Standard for Sustainable Paper Products](#)
- [Green Seal™ 07 Standard for Printing and Writing Paper](#)

Furniture

- [ANSI/BIFMA e3 Furniture Sustainability Standard – level® certified](#)
- [Cradle to Cradle Certified™ Product Standard](#)
- [Good Environmental Choice Australia \(GECA\) Furniture, Fittings, and Foam](#)
- [TÜV Rheinland® Green Product Mark](#)
- [International Living Future Institute: Living Product ChallengeSM 1.0](#)
- [Sustainable Furnishings Council Exemplary](#)
- [Sustainable Materials Rating Technology \(SMaRT\)](#)
- [International Living Future Institute: Declare](#)
- [SCS Indoor Advantage™ Gold for Furniture](#)
- [UL 2818 GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings](#)
- [Global Recycled Standard](#)
- Association for Contract Textiles NSF/ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric
 - No directory of certified products available at this time