

# Healthy Carpet criteria

Environmental attributes for healthy carpet in health care.



December 2019

## SAFER CHEMICALS » CRITERIA

Health Care Without Harm is pleased to release our Healthy Carpet criteria. Manufacturers can achieve either a Silver or Gold Healthy Carpet rating by meeting the criteria described below. The criteria apply to carpet tile, broadloom carpet, and carpet padding. The criteria do not apply to area rugs and outdoor carpet and rugs. “Product” means every part of the carpet, including the face fiber, backing, and adhesives. For more details, please visit [noharm.org/healthycarpet](http://noharm.org/healthycarpet).

SILVER LEVEL CRITERIA			
CHEMICAL AND MATERIAL CRITERIA	DETAILS	SILVER	GOLD
Alkylphenols	The product does not contain total alkylphenols, alkylphenol ethoxylates, or related compounds above 100 ppm.	X	X
Antimicrobial agents	The product does not contain any added antimicrobials, including antimicrobials or preservatives used to preserve or protect the final product.	X	X
Bisphenol A and its analogs	The product does not contain total bisphenol A or its structural analogs above 1000 ppm.	X	X
Bitumen	The product does not contain bitumen.	X	X
Caprolactam	The product meets the Carpet and Rug Institute Green Label Plus Emission Factor (EF) level for caprolactam.	X	X
Dyes and pigments	The product does not contain dyes and pigments that are prohibited in Appendix A of the Blue Angel Low-Emission Textile Floor Coverings, DE-UZ 128.	X	X
Epichlorohydrin	The product does not contain epichlorohydrin-based formulations.	X	X
Face fiber	At least 95% of the face fiber must be made of a single synthetic polymer.	X	X
Flame retardants	The product does not contain flame retardants above 100 ppm.	X	X
Fly ash	The product does not contain fly ash.	X	X
Formaldehyde	The product does not contain added formaldehyde or formaldehyde-based formulations.	X	X
Metals	The product does not contain total lead, mercury, cadmium, hexavalent chromium (chromium VI), nickel or organotins above 50 ppm.	X	X
Nanomaterials	The product does not contain deliberately engineered nanomaterials.	X	X

SILVER LEVEL CRITERIA			
CHEMICAL AND MATERIAL CRITERIA	DETAILS	SILVER	GOLD
Ortho-phthalates	The product does not contain total ortho-phthalates above 50 ppm.	X	X
PFAS	The product does not contain per- or poly-fluorinated alkyl substances.	X	X
PBT chemicals	The product does not contain persistent, bioaccumulative, and toxic chemicals (PBTs) above 1000 ppm.	X	X
PAHs	The product does not contain polycyclic aromatic hydrocarbons (PAHs) above 0.5 ppm.	X	X
Polyurethane	The product does not contain polyurethane.	X	X
Proposition 65 chemicals	The product does not contain intentionally added chemicals listed on Proposition 65 at levels that would require a warning in the State of California.	X	X
PVC and other chlorinated polymers	The product does not contain polyvinyl chloride (PVC) or other chlorinated polymers.	X	X
Recycled content	Carpet tile must contain a minimum of 40% recycled content by weight of the entire product, of which at least 5% of the recycled content shall be post-consumer.	X	X
Recycled tires	The product does not contain recycled tires.	X	X
Siloxanes	The product does not contain volatile methylcyclsiloxanes D4, D5, or D6 above 100 ppm.	X	X
Solution-dyed	The face fiber must be solution-dyed.	X	X
SBR	Carpet tile does not contain styrene-butadiene rubber (SBR)-based formulations.	X	X
OTHER CRITERIA	DETAILS	SILVER	GOLD
Multi-attribute standard	The product must be certified to the NSF/ANSI 140 Gold level or Cradle to Cradle Silver level.	X	X
Product content transparency	The product must have either 1) a complete Health Product Declaration with all substances characterized and screened at or above 1000 ppm, or 2) a fully disclosed Declare label that is Red List Free at 100 ppm, and with no proprietary information claimed for any ingredient above 1000 ppm.	X	X
Recyclable	The major components of the product must be recyclable.	X	X
Take-back program	Manufacturer must have an active take-back program for its products and must publicly report on the effectiveness of the effort on an annual basis.	X	X
VOC certification	The product must be certified as meeting Carpet and Rug Institute Green Label Plus, Blue Angel, or Cradle to Cradle Gold or Platinum.	X	X
VOC certification if contains SBR	Broadloom carpet that contains SBR must meet Carpet and Rug Institute Green Label Plus.	X	X

GOLD LEVEL CRITERIA (ALL SILVER LEVEL REQUIREMENTS APPLY IN ADDITION TO THE FOLLOWING)			
CRITERIA	DETAILS	SILVER	GOLD
Multi-attribute standard	The product must be Cradle to Cradle Gold or Platinum level certified (full certification) or Living Product Challenge certified. Living Product Challenge certification is acceptable if it includes certification under the Water, Energy, and Material Health Petals. The LPC Material Health Petal certification must cover 100% assessment of all chemicals present at the 100 ppm level in the final product formulation.		X
Product content transparency	The product must have a complete Health Product Declaration with all substances characterized, screened, and identified to 100 ppm.		X
Recyclable	Both the face fiber and backing must be able to demonstrate a viable regional market for recycling.		X
Recycled content	The product must contain a minimum of 45% recycled content by weight of the entire product, of which at least 5% of the <b>face fiber</b> shall be post-consumer recycled content.		X
SBR	The product does not contain styrene-butadiene rubber (SBR)-based formulations.		X

## Installation requirement

The adhesive used to install the carpet must be certified as meeting Carpet and Rug Institute Green Label Plus, or the carpet must be attached mechanically without a chemical adhesive.

If an adhesive is used, a peel-and-stick adhesive is preferred over a wet-applied (full-spread) adhesive. If a wet adhesive is used, it also must meet South Coast Air Quality Management District (SCAQMD) Rule 1168 (2005).