



## Ohio Administrative Code

### Rule 3745-113-03 Standards for architectural and industrial maintenance (AIM) coatings.

Effective: December 16, 2022

(A) On or after the effective date specified, any person subject to this chapter in accordance with rule 3745-113-02 of the Administrative Code shall ensure that the AIM coatings meet the following limits:

(1) VOC content limits.

Limits are expressed as VOC content, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

Coating Type	Limit (grams/liter)	Limit (pounds/gallon)	Limit (grams/liter)	Limit (pounds/gallon)
	Effective January 1, 2009 until December 31, 2023	Effective January 1, 2009 until December 31, 2023	Effective January 1, 2024	Effective January 1, 2024
Flat coatings	100	0.83	50	0.42
Non-flat coatings	150	1.25	100	0.83
Non-flat-high-gloss coatings	250	2.08	150	1.25
Specialty coatings:				
Aluminum roof	N/A	N/A	450	3.75
Antenna coatings	530	4.42	N/A	N/A
Anti-fouling coatings	400	3.33	N/A	N/A
Basement specialty coatings	N/A	N/A	400	3.33
Bituminous roof coatings	300	2.50	270	2.25
Bituminous roof primers	350	2.92	350	2.92
Bond breakers	350	2.92	350	2.92
Calcimine recoaters	475	3.96	475	3.96



AUTHENTICATED,  
OHIO LEGISLATIVE SERVICE  
COMMISSION  
DOCUMENT #300387

Clear wood coatings:				
Clear brushing lacquers	680	5.67	N/A	N/A
Lacquers, including clear lacquer sanding sealers	550	4.59	N/A	N/A
Sanding sealers, excluding clear lacquers	350	2.92	N/A	N/A
Varnishes other than conversion varnishes	350	2.92	N/A	N/A
Concrete curing compounds	350	2.92	350	2.92
Concrete/masonry sealer	N/A	N/A	100	0.83
Concrete surface retarders	780	6.50	780	6.50
Conjugated oil varnish	450	3.75	450	3.75
Conversion varnish	725	6.04	725	6.04
Driveway sealers	N/A	N/A	50	0.42
Dry fog coatings	400	3.33	150	1.25
Faux finishing coatings	350	2.92	350	2.92
Fire-resistive coatings	350	2.92	350	2.92
Fire-retardant coatings:				
Clear	650	5.42	N/A	N/A
Opaque	350	2.92	N/A	N/A
Floor coatings	250	2.08	100	0.83
Flow coatings	420	3.50	N/A	N/A
Form-release compounds	250	2.08	250	2.08
Graphic arts coatings (sign paints)	500	4.17	500	4.17
High-temperature coatings	420	3.50	420	3.50



AUTHENTICATED,  
OHIO LEGISLATIVE SERVICE  
COMMISSION  
DOCUMENT #300387

Impacted immersion coatings	780	6.50	780	6.50
Industrial maintenance coatings	340	2.83	250	2.08
Low-solids coatings	120	1.00	120	1.00
Magnesite cement coatings	450	3.75	450	3.75
Mastic texture coatings	300	2.50	100	0.83
Metallic pigmented coatings	500	4.17	500	4.17
Multi-color coatings	250	2.08	250	2.08
Nuclear coatings	450	3.75	450	3.75
Pre-treatment wash primers	420	3.50	420	3.50
Primers, sealers, and undercoaters	200	1.67	100	0.83
Quick-dry enamels	250	2.08	N/A	N/A
Quick-dry primers, sealers and undercoaters	200	1.67	N/A	N/A
Reactive penetrating sealer	N/A	N/A	350	2.92
Reactive penetrating carbonate stone sealer	N/A	N/A	500	4.17
Recycled coatings	250	2.08	250	2.08
Roof coatings	250	2.08	250	2.08
Rust preventive coatings	400	3.33	250	2.08
Shellacs:				
Clear	730	6.09	730	6.09
Opaque	550	4.59	550	4.59
Specialty primers, sealers and undercoaters	350	2.92	100	0.83
Stains	250	2.08	250	2.08
Stone consolidant	N/A	N/A	450	3.75
Swimming pool coatings	340	2.83	340	2.83



Swimming pool repair & maintenance coatings	340	2.83	N/A	N/A
Temperature-indicator Safety coatings	550	4.59	N/A	N/A
Thermoplastic rubber coatings and mastics	550	4.59	550	4.59
Traffic marking coatings	150	1.25	100	0.83
Tub and tile refinish	N/A	N/A	420	3.50
Waterproofing membranes	N/A	N/A	250	2.08
Waterproofing sealers	250	2.08	N/A	N/A
Waterproofing concrete/masonry sealers	400	3.33	N/A	N/A
Wood coatings	N/A	N/A	275	2.29
Wood preservatives	350	2.92	350	2.92
Zinc-rich primer	N/A	N/A	340	2.83

Conversion factor: one pound VOC per gallon (US) = 119.95 grams per liter.

(2) Most restrictive VOC limit.

If a coating is recommended for use in more than one of the specialty coating categories listed in the table in paragraph (A) of this rule, the most restrictive (or lowest) VOC content limit applies. This requirement applies to: usage recommendations that appear anywhere on the coating container, anywhere on any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf.

(a) Effective for products manufactured before January 1, 2024, this provision does not apply to the following coating categories:

(i) Lacquer coatings (including lacquer sanding sealers).

(ii) Metallic pigmented coatings.



- (iii) Shellacs.
- (iv) Fire-retardant coatings.
- (v) Pretreatment wash primers.
- (vi) Industrial maintenance coatings.
- (vii) Low-solids coatings.
- (viii) Wood preservatives.
- (ix) High-temperature coatings.
- (x) Temperature-indicator safety coatings.
- (xi) Antenna coatings.
- (xii) Antifouling coatings.
- (xiii) Flow coatings.
- (xiv) Bituminous roof primers.
- (xv) Specialty primers, sealers, and undercoaters.
- (xvi) Thermoplastic rubber coatings and mastics.
- (xvii) Calcimine recoaters.
- (xviii) Impacted immersion coatings.



(xix) Nuclear coatings.

(b) Effective for products manufactured on or after January 1, 2024, this provision does not apply to the following coating categories:

(i) Aluminum roof coatings.

(ii) Bituminous roof primers.

(iii) High temperature coatings.

(iv) Industrial maintenance coatings.

(v) Low-solids coatings.

(vi) Metallic pigmented coatings.

(vii) Pretreatment wash primers.

(viii) Shellacs.

(ix) Specialty primers, sealers, and undercoaters.

(x) Wood coatings.

(xi) Wood preservatives.

(xii) Zinc-rich primers.

(xiii) Calcimine recoaters.

(xiv) Impacted immersion coatings.



(xv) Nuclear coatings.

(xvi) Thermoplastic rubber coatings and mastic.

(xvii) Concrete surface retarders.

(3) Sell-through of coatings.

A coating manufactured prior to the effective date specified for that coating in the table in paragraph (A) of this rule, and that complied with the standards in effect at the time the coating was manufactured, may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the table in paragraph (A) of this rule may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This paragraph does not apply to any coating that does not display the date or date code required by rule 3745-113-04 of the Administrative Code.

(B) Painting practices.

All AIM coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging, or other means, shall be closed when not in use. These AIM coatings containers include, but are not limited to, drums, buckets, cans, pails, trays, or other application containers. Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.

(C) Thinning.

No person who applies or solicits the application of any AIM coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the table of paragraph (A)(3) of this rule.

(D) Rust preventive coatings.

No person shall apply or solicit the application of any rust preventive coating for industrial use,



manufactured before January 1, 2024, unless such a rust preventive coating complies with the industrial maintenance coating VOC limit specified in the table in paragraph (A) of this rule. No person shall sell or offer for sale any rust preventive coating for application to any nonmetallic substrate, nor shall any person apply a rust preventive coating to any nonmetallic substrate.

(E) Coatings not listed in the table of paragraph (A) of this rule.

For any coating that does not meet any of the definitions for the specialty coatings categories listed in the table of paragraph (A) of this rule, the VOC content limit is determined by classifying the coating as a flat coating, non-flat coating, or non-flat-high-gloss coating as defined in rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat or non-flat-high-gloss coating limit in the table in paragraph (A) of this rule applies.

(F) New categories.

Prior to January 1, 2024, any coating that meets the definition in rule 3745-113-01 of the Administrative Code for a coating category listed in the table in paragraph (A) of this rule, and complies with the applicable VOC limit in the table in paragraph (A) of this rule and reporting requirements, is considered in compliance with this rule.