

Technical Data Sheet

AU0474/XX AIR 2-PACK WATERBORNE BASECOAT FOR MDF - PIGMENTED

DATE 07 july 2020



GAIA is the integrated program of environmental sustainability created by Sayerlack, which uses the most advanced technologies to create a generation of innovative and eco-sustainable products with exceptional performance.

AIR products are based on the use of dedicated bio-renewable sources and allocated bio-resources.
Low hazard AQUA products, aromatic-free, containing low monomer isocyanates, or based on the alternative isocyanate-free NOT-ISO PU technology.

High dry residue EARTH products, ready to use, significantly reduce VOC emissions.

Colors:	13 white, 22 black		
Area of use:	flat parts, frames, baseboards, doors		
Method of use:	airmix, airless, conventional spray gun		
Mixing procedure:		by weight (kg)	by volume (lt)
	Part A	AU0474/XX	100
	Hardener	AH1550/00	2

Technical characteristics

Solids content (%):	56 ± 1
Specific gravity (kg/l):	1.365 ± 0.030
Viscosity (cP, brookfield rv, Sp4V20 at 20°C):	3200 ± 320 (white 13) 2500 ± 250 (black 22)

General characteristics

Pot life at 20°C:	3 hours
Recommended application weight (g/m²):	from 150 to 250 per coat
Number of coats:	max. 3
Shelf-life (months):	15
Drying:	touch dry (room temperature): 2 hours sandable (room temperature): 4 hours sandable (by tunnel): 1 hour

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

Sherwin-Williams Italy S.r.l. – con unico socio
Via del Fiffo, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
tel. +39 051 770 511 - fax +39 051 777 437
www.sayerlack.com
Cod. Fisc. e Reg. Impr. Bo 08866930152
P. IVA: IT 00494251200 - R.E.A. n. 313180
Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

Company under the direction and coordination of The Sherwin-Williams Company, USA

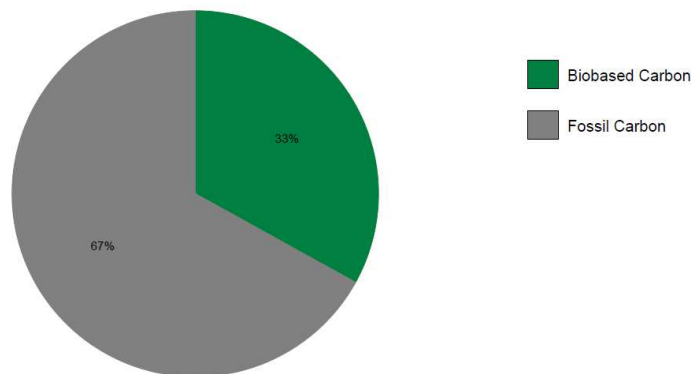
AU0474/XX is a one and 2-pack basecoat applicable by spray directly on MDF or Masonite substrates. It has a high pigment content and a high solids content, thus ensuring an excellent filling power and an even color even at 150-200 g/m² application weights.

AU0474/XX can be applied as one-component product also with good covering propriety and good aesthetic result. If its catalyzed with 2% of AH1550/00 will has good elasticity and higher covering power.

Drying times are only indicative ones, because they depend on temperature, humidity, air flow and catalysis conditions.

AU0474/XX is unique because use raw materials from BIORENEWABLE sources in the formulation. With this choice, Sayerlack offers a line of low environmental impact products.

Analytical tests have shown that the carbon content from renewable sources is around 33% (intended as a fraction of the total organic carbon).



The tests were carried out according to ASTM D6866-18 Method B (*) at an accredited laboratory.

* (The accuracy of the result is +/- 3% and the test result refers only to the material subjected to the test).

Special instructions

- During application, the temperature of the product, the substrate and the environment must be no lower than 15°C.
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not pour residues down the drain.
- In view of the wide variety of materials used for manufacturing wooden products, when switching from a solvent-based to a waterborne painting system it is always advisable to contact your suppliers' technical departments to check whether your equipment and components are appropriate or whether more suitable types exist. In particular, check: electrostatic guns, pumps, seals, silicones, glues, booth treatment water products, packaging materials, putties, sandpaper, etc.

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.