


Protection type	Sacrificial	
Name & Purpose	S Anti graffiti BioBased	SC For smooth surfaces BioBased



TECHNOLOGY		A high viscous mixture of natural polysaccharides suspended in water. A semi permanent, reversible protection system against graffiti and aerosol pollution, especially designed for the protection of vertical construction surfaces.	
Vertical Structures		✓	✓
Horizontal Surfaces		✗	✗
pH		pH 5	pH 5
Porous	Natural stone	✓	
	Concrete	✓	
	Clay/brick masonry	✓	
	Non-glazed tiles	✓	
	Wood	✓	
	EIFS/stucco	✓	
	Concrete ≤ 28 days	✓	
Non porous	Non-corrosive metal		✓ *
	Corrosive metal		✓ *
	Glazed tiles		✓ *
	Painted surfaces		✓ *
Repellency	Water	●	●
	Oil, grease	● ● ●	● ● ●
	Dirt	● ● ● ● ●	● ● ● ● ●
	Grffiti	● ● ● ● ●	● ● ● ● ●
	Chewing gum	● ●	● ●
	Tire marks	n / a	n / a
Application	2 Crosslinking coats of APP S products are applied with airless equipment (or brush/roller). When dry it forms an ultra thin protective film, in most cases invisible to the human eye and completely vapour permeable. APP S can also be applied as an additional single layer over the APP HD products.		
Cure time	Dries in about 1 hour		
Longevity	3 years		
Coverage	1 - 3 m ² /liter OR 10-32 sq ft/0,26 US gal.		
Safety			
Cautions and limits	Surface must be able to withstand washing with hot pressurized water.		

NIBE has developed a methodology that allows for building materials to be assessed, compared and classified using biobased criteria.

1. OBJECTIVE

The purpose of the label is to make biobased materials recognizable by means of a logo. The certificate indicates the percentage of the biobased content of the product. the label should contribute to the transition from a fossil-based to bio-based economy. In addition, and since biobased materials do not always achieve a good environmental score, the environmental classification will be mentioned.

2. RATING

To acquire the BioBased label a product needs a predetermined content of biobased material. the calculation to determine the biobased content is based on various methods described in the NPR-CEN/TR 16721:2014 (en).

3. CLASSIFICATION

The **BioBased** label is a progressive benchmark, which only qualifies a product the **BioBased** label if the biobased percentage of the base-structure is up to 20% lower than the product with the highest percentage biobased material for the same purpose or application. Furthermore, the percentage biobased material may not be lower than 50% of the full product. This percentage is clearly stated on the **BioBased** certificates.



✓ * APP SC with primer



Protection type	Permanent Protection			
Name & Purpose	HD A EASY-TO-CLEAN anti graffiti	HD B HEAVY DUTY anti graffiti	HD N NEW CONCRETE anti graffiti & easy-to-clean	HD H HORIZONTAL easy-to-clean

TECHNOLOGY	Water based acryl co-polymer for the protection of all porous mineral surfaces. These treatments magically convert porous substrate from absorbent (hydrophilic) to liquid repellent (hydrophobic) surfaces while completely preserving the natural look and feel of these surfaces. The different forms of APP HD products can be applied for strong graffiti and/or water repellent purposes, as indicated above.				
Vertical Structures	✓	✓	✓		
Horizontal Surfaces			✓	✓	
pH	pH 6	pH 6	pH 8,5	pH 6	
Porous	Natural stone	✓	✓	✓	
	Concrete	✓	✓	✓	
	Clay/brick masonry	✓	✓	✓	
	Non-glazed tiles	✓	✓	✓	
	Wood	✓	✓	✓	
	EIFS/stucco	✓	✓	✓	
	Concrete ≤ 28 days			✓	
Non porous	Non-corrosive metal				
	Corrosive metal				
	Glazed tiles				
	Painted surfaces				
Repellency	Water	● ● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●
	Oil, grease	● ● ● ●	● ● ●	● ● ● ●	● ● ● ●
	Dirt	● ● ● ●	● ● ●	● ● ● ●	● ● ● ●
	Graffiti	● ● ●	● ● ● ●	● ●	● ●
	Chewing gum	● ● ●	● ● ●	● ● ●	● ● ●
	Tire marks	n / a	n / a	n / a	● ● ●
Application	APP HD products are applied in 1 crosslinking coat (to not miss a spot) using airless equipment or HVLP (or brush/roller) up to saturation of the surface. The protection sets right UNDER the surfaces and thus is not visible; does not change the aspect of the treated surface.				
Cure time	Dry in 24 hours. Full cure 7 days				
Longevity	5 - 10 years				
Coverage	3 - 5 m ² / liter - OR - 32 - 53 square feet/0,26 US gallon				
Safety					
Cautions and limits	Porous surface must be free of dust, grease and previous coatings. Other permanent chemicals may influence the performance. Remove APP HD products from erroneously affected surfaces, such as glazing or window frames before they dry!				