



BLACK

BLACKBOARD

PRODUCT DESCRIPTION:

Film composed of a 170-µm, calendered, monomeric PVC, which is coated with a pressure-sensitive acrylic adhesive. This product is intended for the creation of blackboards for chalk sticks. Slate black surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 170 µm	
• Tensile strength	(Average values) min. 70 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.5 mm	Method HEXRET001
• Opacity	(Average values) > 99 %	Method HEXOPA001

LINER:

- Silicone-coated Kraft paper 137 g/m² with blue HEXIS print.
- Stable under hygrometric variations

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

- Peel strength test at 180°; Measurement support glass

after 20 minutes of application	(Average values) 19 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 25 N/25 mm	Method HEXFTM001
- Initial tack

	(Average values) 19 N/25 mm	Method HEXFTM009
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- Release

	(Average values) 0.2 N/25 mm	Method HEXFTM003
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- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion; suitable for wet application.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Only for use with chalk sticks, not chalk markers.
- Easily cleaned by wiping with a non-abrasive damp sponge.
- In the case of an already painted substrate, apply to undamaged original paintwork only. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.



STORAGE:



Storage period before use
2 years



Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)



Relative humidity during storage
with relative humidity between 30 % and 70 %



Storage method before use
in its unopened original packaging

DURABILITY:

- Vertical indoor exposure: 2 years.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods, which are available on request. Please feel free to contact us to get the latest instructions in use. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com.