



# NEO BITUMEN ALUMINIUM

PRODUCT CODE: BA00

TECHNICAL DATA SHEET NO. 06-Specialised Products

NOVEMBER 2018

|                             |   |   |
|-----------------------------|---|---|
| <b>Product Description</b>  | Classic, bitumen based, long-life, interior / exterior, high shine aluminium coating for a wide range of substrates/objects that need a highly durable and humidity resistant but cost effective aluminium finish.  |   |
| <b>Application Areas</b>    | <ul style="list-style-type: none"><li>• Interior and exterior use.</li><li>• Primed, rusted or new metal.</li><li>• Fibre cement and roofing felt covered roofs, especially in humid coastal conditions.</li><li>• <b>NEO Bitumen Aluminium</b> is the ideal coating material for objects in or around water purification or reclamation works, as well as for manufacturing plants where a lot of water or humidity prevails.</li><li>• Due to the excellent UV light and humidity resistance, <b>NEO Bitumen Aluminium</b> is highly suitable for roofs in wet coastal conditions.</li></ul>  |   |
| <b>Product Features</b>     | <ul style="list-style-type: none"><li>• Highly durable, humidity and UV resistant for the harsh Namibian climate.</li><li>• Excellent adhesion to a range of properly prepared substrates.</li><li>• Very cost effective.</li><li>• Two coats of <b>NEO Bitumen Aluminium</b> are used for best results.</li><li>• Bitumen based coatings should not be painted on the inside of containers used for storage of drinking water.</li></ul>   |   |
| <b>Product Data</b>         | <b>Resin Base</b>   | Bitumen   |
|                             | <b>Drying Time</b>  | Touch dry: ± 1 hour<br>Hard dry: 3-4 hours  |
|                             | <b>Solid Matter by Content</b>  | By volume: 42%<br>By mass: 62%  |
|                             | <b>Film Thickness</b>   | 30-40 microns   |
|                             | <b>Spreading Rate</b>   | 8-12 square metres per litre.<br>Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 square metres per litre for the first coat and 10-12 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates. |
|                             | <b>Surface Appearance</b>   | Shiny   |
| <b>Application Details</b>  |   |   |
| • <b>Mixing</b>             | Always stir well before use with a flat paddle.   |   |
| • <b>Application Method</b> | Brush, roller or airless spray.   |   |
| • <b>Thinning</b>           | <b>NEO Bitumen Aluminum</b> is ready for use un-thinned; thinning with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00) will reduce its hiding power. Only for spray application, thin 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).   |   |
| • <b>Cleaning</b>           | <b>NEO Enamel Thinner</b> (et01).   |   |
| • <b>Application</b>        | <ul style="list-style-type: none"><li>• Stir well before use.</li><li>• Two coats of <b>NEO Bitumen Aluminium</b> are used for best results.</li><li>• With brush, roller or airless spray, apply a generous coat of <b>NEO Bitumen Aluminium</b>. Thin for spray 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).</li><li>• Allow to dry 4-6 hours before recoating.</li><li>• With brush, roller or airless spray, apply a second generous coat.</li><li>• Clean up application equipment with <b>NEO Enamel Thinner</b> (et01).</li><li>• <b>NEO Bitumen Aluminium</b> is ready for use un-thinned; thinning will reduce its hiding power.</li><li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 square metres per litre for the first coat and 10-12 square metres per litre for subsequent coats and when applied to sealed, previously painted substrates.</li><li>• Only apply in well ventilated areas and keep away from all ignition sources, flames and sparks.</li><li>• Do not eat, drink or smoke while applying.</li></ul> |   |



# NEO BITUMEN ALUMINIUM

PRODUCT CODE: BA00

TECHNICAL DATA SHEET NO. 06-Specialised Products

NOVEMBER 2018

|  |  |
|--|--|
|  | <ul style="list-style-type: none"><li>Do not apply before 09:00 and after 16:00 in the winter.</li><li>Do not apply exterior if it looks like rain will occur within 4-6 hours of application.</li></ul>   |
| <b>Surface Preparation</b>   |  |
| <ul style="list-style-type: none"><li><b>Mild Steel (Renovation)</b></li></ul>   | <ul style="list-style-type: none"><li>Remove any rust, mill scale and greasy substances from metal surface.</li><li>Sand blast back to bright metal and spot prime with <b>NEO Corroguard</b> (cg00). Use two coats of <b>NEO Corroguard</b> (cg00) in coastal regions.</li><li>With brush, roller or airless spray, apply a generous coat of <b>NEO Bitumen Aluminium</b>. Thin for spray 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).</li><li>Allow to dry 4-6 hours before recoating.</li><li>With brush, roller or airless spray, apply a second generous coat.</li></ul>  |
| <ul style="list-style-type: none"><li><b>Mild Steel (New)</b></li></ul>  | <ul style="list-style-type: none"><li>Degrease surfaces with <b>NEO Metal Conditioner</b> (mc00) to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.</li><li>After drying the whole substrate is coated with <b>NEO Corroguard</b> (cg00). Use two coats of <b>NEO Corroguard</b> (cg00) in coastal regions.</li><li>With brush, roller or airless spray, apply a generous coat of <b>NEO Bitumen Aluminium</b>. Thin for spray 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).</li><li>Allow to dry 4-6 hours before recoating.</li><li>With brush, roller or airless spray, apply a second generous coat.</li></ul> |
| <ul style="list-style-type: none"><li><b>Fibre Cement Surfaces and Roofing Felt</b></li></ul>                                  | <ul style="list-style-type: none"><li>Remove any flaking, peeling and loose paint from the roof surface.</li><li>Wash off dust and mica particles with a hosepipe and by scrubbing with a hard broom.</li><li>Carry out repairs if required.</li><li>Allow to dry.</li><li>With brush, roller or airless spray, apply a generous coat of <b>NEO Bitumen Aluminium</b>. Thin for spray 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).</li><li>Allow to dry 4-6 hours before recoating.</li><li>With brush, roller or airless spray, apply a second generous coat.</li></ul>   |
| <ul style="list-style-type: none"><li><b>Primed Metal and Previously Painted Surfaces</b></li></ul>                            | <ul style="list-style-type: none"><li>Make sure old paint coatings are firm and solid.</li><li>Remove all loose, flaking and bubbling paint.</li><li>Remove all dust, grease, foreign material, fungal and algae growth preferably with a high pressure cleaner.</li><li>Bare metal areas need to be spot primed with <b>NEO Corroguard</b> (cg00).</li><li>With brush, roller or airless spray, apply a generous coat of <b>NEO Bitumen Aluminium</b>. Thin for spray 20% with <b>NEO Enamel Thinner</b> (et01) or <b>NEO Quick Enamel Thinner</b> (qe00).</li><li>Allow to dry 4-6 hours before recoating.</li><li>With brush, roller or airless spray, apply a second generous coat.</li></ul>                            |
| <b>Colour Range and Quantities</b>   | <ul style="list-style-type: none"><li><b>NEO Bitumen Aluminium</b> is available in shiny Aluminium only.</li><li>Available in 1 litre, 5 litres and 20 litres.</li></ul>   |
| <b>Precautions</b>   | <ul style="list-style-type: none"><li><b>NEO Bitumen Aluminium</b> is highly flammable and has a flashpoint of 37 degrees Celsius.</li><li>Only apply in well ventilated areas.</li><li>Do not eat, drink or smoke while applying.</li><li>Do not coat the inside of containers or water storage tanks with this product.</li></ul>  |
| <b>Disclaimer</b>  | NEO Paints can not be held liable if the product fails due to improper surface preparation or application.   |
| <b>NEO PAINTS FACTORY (PTY) LTD</b><br>Reg No 2002/214   |  |
| 12 Bell Street, Southern Industrial Area<br>PO Box 5005<br>Windhoek, NAMIBIA<br>Tel. +(264) 61-384 700 – Fax +(264) 61-233 914 | Hanna Mupatani Road<br>PO Box 762<br>Walvis Bay, NAMIBIA<br>Tel. +(264) 64-204 026 – Fax +(264) 64-204 010   |