

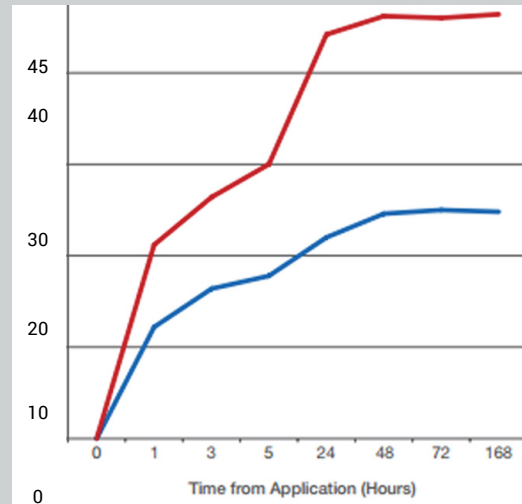
RM Biltrite® RubberMax® Neoprene Bonding Layer is used for a variety of purposes in the mining and aggregate industries. It can be securely applied to all types of polymer-based rubber sheets, including RM Biltrite® mining rubber sheets and RM Biltrite® pulley lagging rubber sheets. Neoprene rubber has inherently excellent metal adhesion qualities. It is usually applied in a thin layer onto the backside of metal-lining rubber sheets in order to create a firm connection. Optional neoprene bonding layers are available on all RM Biltrite® mining rubber products upon request.



TECHNICAL SPECIFICATIONS		
Item ID		Neoprene Bonding Layer
Hardness ASTM D2240	Shore A (± 5)	40
	°F	-20 - +170
Temperature Range	°C	-29 - +77
	g/cm³	1.40
Specific Gravity ASTM D297		1.40
Color		Gray

ADHESION DIRECTIONS

- Thoroughly clean & dry surface from oil, paint, and other contaminants.
- If applying to metal surface, clean first with solvent
- After surface is prepared, apply metal primer
- Allow primer to dry completely for at least 1 hour, depending on atmospheric conditions
- Cut 5 test pieces 11.8" x 1.18" (300mm by 30mm) from rubber sample. Condition pieces at room temperature for 24 hours.
- Prepare glue mixture by using an adhesive to hardener ratio of 3.5 oz to 0.18 oz (100gm to 5gm)
- Coat rubber test strips with glue on the bonding layer side and on the metal plate. Allow to dry for 15 minutes
- Mount rubber test strips onto the glued metal plate and press together
- Check bonding strength by pulling rubber strips by hand



Cold Vulcanized Lagging Adhesion

- SBR/NR lagging without bonding layer
- SBR/NBR lagging plus buffed CN bonding layer

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