



// ONE BRAND // ONE SOURCE // ONE SYSTEM



## REMALOX & REMALOX HD

### Optimum Impact and Wear Protection

Our high quality REMALOX products are engineered for impact and abrasion resistance, with multiple styles to ensure the perfect fit for your application.



## REMALOX & REMALOX HD

### Heavy Wear Protection - Ceramic/Rubber Lining Material

**REMALOX** is a high abrasion resistant rubber panel with 92% alumina oxide tiles imbedded into it. This combination delivers superior abrasion resistance plus an impact cushion to protect the tiles from cracking.

With the ceramic tiles being nearly as hard as diamonds, they can easily handle your wet/dry sliding abrasion problems. This same feature also prevents wet, sticky material build up and caking issues.

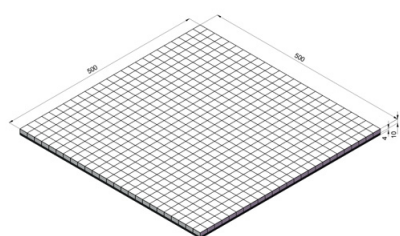
The tiles have an extremely high bond strength to the rubber backing so they stay in place.

**REMALOX** is manufactured with **REMA TIP TOP's** proven CN bonding layer, so it can be applied using our cold bond adhesive system to a variety of surfaces. It can either be applied directly to the structural surface where the problems are occurring or it can be bonded to a steel plate and then welded/bolted into place.

**REMA TIP TOP** representatives are available to inspect your application and make a recommendation. With a large nationwide network of distributors and Service Centers across the country we are close by and can respond in a hurry. Contact us today at 1-800-334-REMA.

### REMALOX

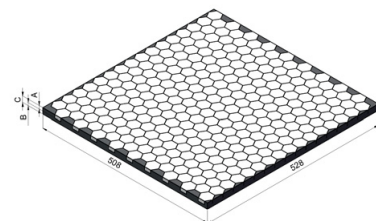
REMALOX is a composite construction of high wear-resistant 92 %-Al<sub>2</sub>O<sub>3</sub> ceramic tiles (square, rectangular or hexagonal "SW") vulcanized in special rubber with a CN bonding layer.



REMALOX 10/4



REMALOX 25/15



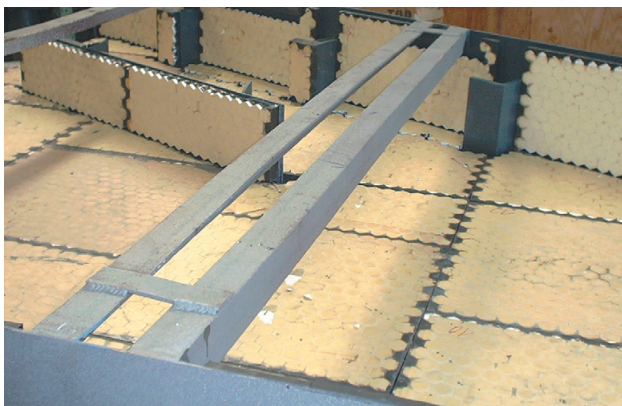
REMALOX HEX 6/6

#### Properties

- CN bonding layer provides fast, long lasting adhesion
- High abrasion resistance
- Reduces operating costs
- Long service life increases the efficiency of your equipment
- Good weather resistance

#### Typical fields of application

- Lining against extreme wear caused by abrasion at high speeds
- For simple to medium duty applications in mining, gravel, sand and stone breaking mills and other industrial sectors
- Pipelines, vibratory feeders, cyclones, skips, bunkers, chutes, loading points, slides, hoppers, silos



REMALOX on an aggregate discharge chute



REMALOX HD35

## REMALOX & REMALOX HD

### Heavy Wear Protection - Ceramic/Rubber Lining Material

#### REMALOX HD

Our high-quality REMALOX HD plates offer you optimum impact and wear protection for the most intense applications. With an extremely long service life, your plant can continue to operate with less downtimes, saving you time and money.

REMALOX HD is a combination of high wear-resistant 92 %  $\text{Al}_2\text{O}_3$  ceramic tiles hot-vulcanized in special rubber on a 5 mm steel backing plate S235 (St-37), which allows secure fixing by stud welding. Alternating hour glass edge tiles prevent cracking at the weakest point (see image below).

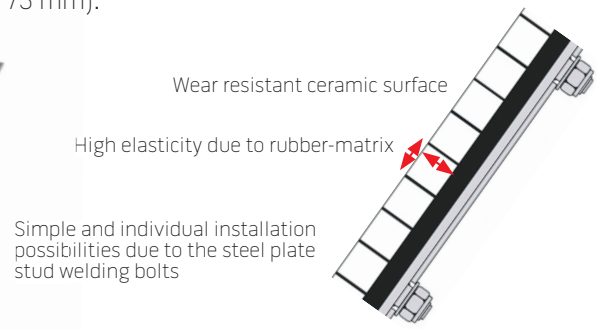
Available in 3 different thicknesses - 1 $\frac{3}{8}$ ", 2", 3" (35 mm, 55 mm, 75 mm).



REMALOX HD 35



REMALOX HD 35



REMALOX HD 35

#### Properties

- Extremely high abrasion resistance
- Absorption of impact energies
- Easy, quick installation with secure fixing
- Reduction of operating costs
- Long service life increases plant availability
- Easily relocated
- Good weather resistance
- 3/16" steel backing plate

#### Typical fields of application

- Lining against extreme wear caused by impact and abrasion at high speeds
- Lining of material transfer stations with low impact angles
- For medium to heavy duty applications in mining, quarries, sand and gravel plants and other mining industry applications
- Pipelines, vibratory feeders, cyclones, skips, bunkers, chutes, loading points, slides, hoppers, silos, etc.

#### REMALOX & REMALOX HD

##### Technical Data:

Rubber		
Color	Black	
Rubber	NR/BR/SBR	DIN ISO 1629
Hardness	62 Shore A	DIN ISO 7619-1
Abrasion	65 mm <sup>3</sup>	DIN ISO 4649
Density	1.12 g/cm <sup>3</sup> (69.92 lb/ft <sup>3</sup> )	DIN EN ISO 1183-1
Tensile Strength	3191 psi	DIN 53 504
Elongation at break	520%	DIN 53 504
Resilience	49%	DIN 53 512
Tear Growth Resistance	17 N/mm (97 Lbf/in)	ISO 34-1 Method A
Ceramic		
Content of aluminium oxide	92%	DIN EN 60 672
Open porosity	0%	DIN EN 60 672
E-Module	300 GPa	DIN EN 60 672
Density	3.65 g/cm <sup>3</sup> (227.86 lb/ft <sup>3</sup> )	DIN EN 60 672

## REMA TIP TOP Product & Solutions

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### CONVEYING SOLUTIONS

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#### Pulley Lagging

- PERFORMANCE GRIP 70
- REMAGRIP
- REMAGRIP Ceramic Lagging
- UNIGRIP
- UNILAG
- T-REX

#### Belt Cleaners

- REMACLEAN - T-Bar Scrapers
- REMACLEAN - Green Combi
- REMACLEAN - Grey Combi
- REMACLEAN - Cleaning Brush

#### Skirting

- REMASKIRT
- Combi-Skirt
- T-REX
- UNISKIRT

#### Repair Products

- Repair Patches
- Repair Strips
- REMA GOO
- RG 7000
- T2 Repair System

#### Other

- Conveyor Belting
- REMACLEAT
- Edge Wall
- Impact Slider Bed Bars
- REMAMILL
- REMASCREEN

#### Rollers & Pulleys

- REMASLEEVE
- REMAROLL
- REMATRACK

### WEAR & CORROSION PROTECTION

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#### Wear Protection Lining

- REMA Performance Line
- REMALINE
- REMASTAR
- UNILINE
- REMATHAN
- T-REX

#### Rubber Linings

- CHEMOLINE
- CHEMONIT

#### Heavy Wear Protection

- REMALOX
- REMALOX HD
- KG Bars
- ZP Profile Bars
- REMA WEAR Repair

#### Anticaking

- REMAFLOX
- REMALEN
- REMASLIDE

#### Corrosion Coatings & Linings

- COROFLAKE
- COROGARD
- COROFLOOR
- TOPLINE
- RCC LININGS
- COROFLEX

#### Material Handling Hose

- Fixed Flange
- Split or Swivel Flange
- Cut End Hose

### ADHESIVES & SOLUTIONS

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#### Cements & Adhesives

- SC 2000 Black / White
- SC 4000 Black / White
- BC 3004 Blue Cement
- PC-4 Plastic Cement

#### Solutions

- PR 200 Metal Primer
- #13 Cleaning Solvent
- R50 Cleaning Solvent
- TIP TOP Hand Cleaner
- A&B Vulc Compound

#### Splice Kits

- Hot Splice Kits
- MSHA Splice Kits
- WK Press and Splice Material
- Filler Rubber
- CN Bonding Rubber

### TOOLS & REPAIR

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#### Tools

- Rubber Cut Saw
- Extruder Gun
- Vulcanizing Presses
- Combi Stripper
- Grooving Tool

#### Other

- REMAWRAP Pipe Repair
- OTR Tire Patches



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