

TIVAR® 88 & TIVAR® 88-2

Lining Solutions for the Cement Industry Eliminate Sticking, Arching and Various Flow Problems



Challenges in the Cement Industry

Sticky bulk materials such as limestone, gypsum, sand, iron, fly ash, marl, coal, bauxite and other such cohesive materials require a slippery surface to permit bulk materials to move.

Advantages of TIVAR® 88 and TIVAR® 88-2

TIVAR® 88 and TIVAR® 88-2 promote reliable bulk material flow due to their low coefficient of friction. Bulk materials move freely and discharge without hang-up. Plugging, arching and freezing are reduced or even eliminated. Both materials don't absorb any moisture.

Mitsubishi Chemical Advanced Materials' System TIVAR® Engineering team is made up of specialty engineers with different degrees of experience.



Their expertise comprises the design, fabrication and installation of various TIVAR® products into structures like hoppers, bins, chutes, containers, rail cars, ships and other structures that move or store bulk materials.

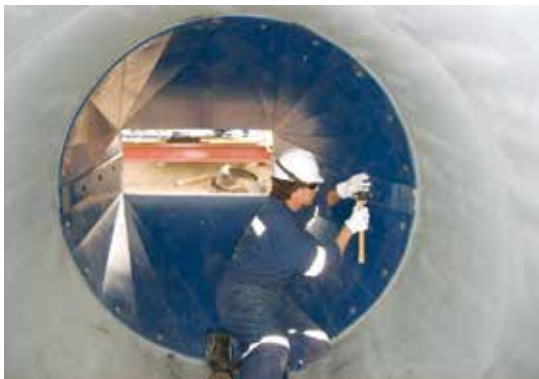
Customer Benefits

Constant and trouble-free material flow saves time and money and helps to ensure a safe work environment. The remarkable coefficient of friction renders TIVAR® 88 and TIVAR® 88-2

materials with a very low wear rate, which extends the liner's and the hopper's life span, saves costs for maintenance and operational standstills.

Key Benefits at a Glance:

- Promotes reliable bulk material flow
- High wear, chemical and corrosion resistance reduces maintenance and repair costs
- Low coefficient of friction
- No moisture absorption
- No freezing
- Reduction and/or elimination of plugging and arching
- Easy to design to exactly fit the individual application
- UV-resistance prevents from material degradation



Bulk Materials:

- Limestone
- Synthetic gypsum
- Natural gypsum
- Sand
- Lime
- Marl
- Iron
- Fly ash
- Coal

Typical Application Fields:

- Receiving hoppers
- Surge bins
- Dust collection hoppers
- Storage bins
- Vibratory feeders
- Chutes



Case Study:

TIVAR® 88-2 Vibratory Feeder Liner

Problem:

Original feeder was plugging causing efficiency issues during production, prompting an immediate need for TIVAR® 88-2 liner.

Solution:

TIVAR® 88-2 liner 15 mm thick for added wear resistances and rapid release technology.

Benefits:

TIVAR® 88-2 liner was produced as one piece panel to eliminate seams, to increase flow, and to provide more consistent feed.

Mitsubishi Chemical Advanced Materials

Europe

Mitsubishi Chemical Advanced Materials Europe NV
Galgenveldstraat 12
8700 Tielt, Belgium
T +32[0] 51 42 35 11
F +32[0] 51 42 33 10
contact@mcam.com

North America

Mitsubishi Chemical Advanced Materials Inc.
2120 Fairmont Avenue
PO Box 14235 - Reading, PA 19612-4235
T 800 366 0300 | +1 610 320 6600
F 800 366 0301 | +1 610 320 6638
contact@mcam.com

Asia-Pacific

Mitsubishi Chemical Advanced Materials Asia Pacific Ltd.
Unit 7B, 35/F, Cable TV Tower,
9 Hoi Shing Road, Tsuen Wan, Hong Kong
T +852 2470 26 83
F +852 2478 99 66
contact@mcam.com

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