magnefast™

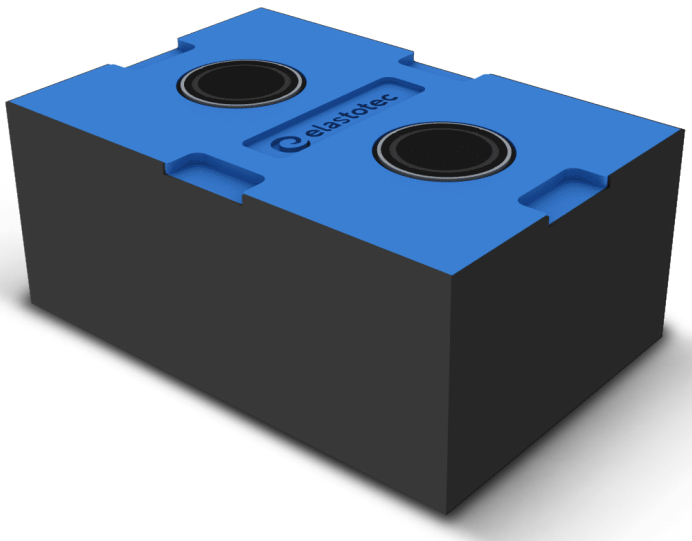
WEAR PANEL SOLUTIONS

Installation and Removal Guidelines

WORK, HEALTH, AND SAFETY

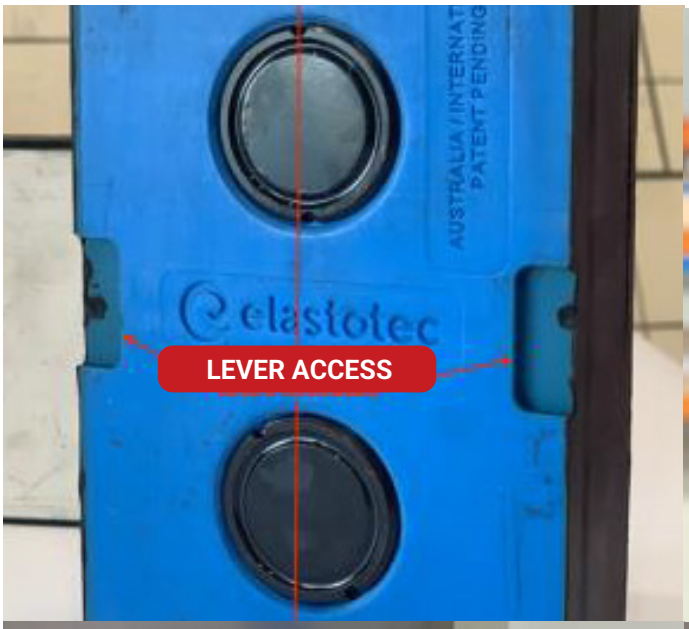
STEPS	SEQUENCE	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURES	HAZARD RATING
1	Site specific safety requirements	Site specific hazards	Site induction and safety protocols	3
2	Remove Magnefast™ panel	Crush injury	Use Gloves and safety wedge	3
3	Handling/lifting Magnefast™ panels	Lifting injuries	Follow manual lift limits: Standing 25kg men,16kg women	4
4	Handling/lifting Magnefast™ panels	Drop injury	Follow site handling guidelines to prevent Magnefast™ panels from being dropped	
5	Install Magnefast™ panel	Crush injuries	Use Gloves and safety wedge	4

RISK ASSESTMENT TOOL (MATRIX)	CONSEQUENCES			
Likelihood	**Major** (eg, Death / Disability)	**Serious** (eg, Serious Injury / Lost Time)	**Minor** (eg, First Aid Injury)	**Insignificant** (eg, incident but no injury)
Very Likely (and will almost certainly happen)	1 Extreme	2 High	2 High	3 Medium
Likely (and will probably happen at sometime)	2 High	2 High	3 Medium	3 Medium
Unlikely (but could happen at sometime)	2 High	3 Medium	3 Medium	4 Low
Very Unlikely (and might happen only rarely)	3 Medium	3 Medium	4 Low	4 Low



PANEL REMOVAL

- Insert a mini pry bar into the recesses on the side of the Magnefast™ panel and lever the panel away from the steel surface. (Video link: https://www.youtube.com/shorts/UPlvqC6-TaQ)









INSPECTION

- Inspect the steel surface of the chute for corrosion, wear, physical damage and any protrusions that would interfere with the magnets contact the steel surface directly. Clean, grind and apply corrosion primer as required to restore the parent metal to a flat clean surface.
- Inspect the magnet side of the Magnefast™ wear liner if this is to re-installed. Check condition of protective plastic film and replace if required. Check magnets for signs of physical damage or corrosion. If corrosion is present replace these magnets.
- For physical damage of the magnet's black protective paint first remove the plastic film and then repair the coating with a spray coat of black epoxy paint (aim for 50-150um thickness – excess paint thickness reduces the magnetic holding force. Replace the plastic film.

PANEL INSTALLATION

- Fit plastic safety wedge over the edge of the Magnefast™ panel. Hold panel by the edges and position the bottom edge of the Magnefast™ panel as close to the required position as possible and place onto the steel surface. Move the top side of the panel forward until the plastic safety wedge engages with the steel surface. Holding the panel on the bottom edge carefully remove the plastic wedge and allow the upper section of the panel to engage with the steel surface.

  Refer video (https://www.youtube.com/shorts/UPlvqC6-TaQ).

- Using a soft face hammer slide the Magnefast™ panel into position such that it is hard up against the adjacent panel with no gap.



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