INAPRENE™ Polyurethane screening panels with inner steel strip reinforcement.

inelas
High Quality Polyurethane

THE MOST VERSATILE, ECONOMIC COUPLING SYSTEM

DESCRIPTION:

INAPRENE™ Polyurethane screening panels with inner steel strip reinforcement.

APPLICATIONS:

- Aggregate and mineral processing and grading plants
- Screeners and dewatering machines (wet and dry methods)

ADVANTAGES:

✓ Custom-made to fit screener. All options for fitting to screener or dewatering machine using any type of coupling system. No frame modifications or very few modifications to the frame required.

✓ Possibility of coupling flat to the trommel.

✓ High-precision screening. Extraordinary resistance to abrasion. High durability. Much superior to steel and rubber screens.

✓ Excellent elasticity (self-cleaning effect), truncated pyramid-shaped perforations (taper) and low coefficient of friction (anti-caking). Low level of plugging, better than in steel and rubber screens.

✓ Highly resistant to impacts, shearing and tearing.

✓ High stability with regard to hydrolysis (air humidity), weathering, ozone and microorganisms. Very good resistance to ageing.

✓ Excellent general behaviour in the presence of oils, hydrocarbons, solvents, acids and bases.

✓ Once these screening panels are in place they are maintenance-free. This is a significant advantage in the case of bottom decks that are not easily accessible.

✓ Great noise reduction.

✓ Totally flat surface with no obstacles that retain material.

inaprene™

INELAS Poliuretanos, S.L. • Polígono de Malpica G-38 • Tel. (34) 976 571 095 • Fax (34) 976 571 190
50016 ZARAGOZA (SPAIN) • www.inelas.com • inelas@inelas.com

inaprene™

Polyurethane elastomer

INAPRENE™ is the generic trade name for the different polyurethane formulations that we produce.
Although the different formulations offer numerous options and great versatility, in general terms, the most significant properties are as follows:

OWN PRODUCTION

PHYSICAL PROPERTIES

- Extraordinary resistance to **abrasion**
- Excellent **elasticity** even with high hardnesses and low temperatures
- Good **tensile strength**, tear strength and shear strength
- Great **load capacity**

CHEMICAL PROPERTIES

- Good stability in relation **to hydrolysis weathering, ozone** and **microorganisms**
- Good behaviour in the presence of **many diluted acids, oils, petrol, etc.**
- Excellent **adherence to metals** in its manufacturing process
- Great **chemical versatility** to optimize performance in numerous applications

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001