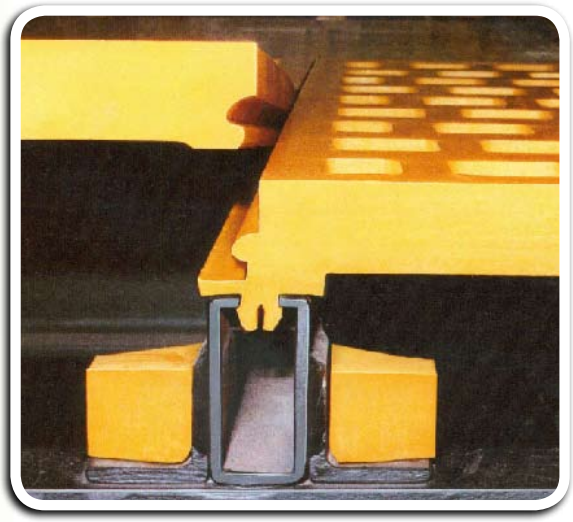
Screening modules and W dewatering modules in INAPRENE™ polyurethane with coupling profiles.

inelas
High Quality Polyurethane

THE MOST UNIVERSAL COUPLING SYSTEM



DESCRIPTION:

INAPRENE™ polyurethane screening modules with inner metal reinforcement and coupling system based on profiles.

APPLICATIONS:

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

ADVANTAGES:

- ✓ Highly standardized system used worldwide.
- ✓ Very few modifications, if any, are required to fit to screener frame.
- ✓ All the accessories required for mounting are supplied. Profiles, UPS, side protections, etc.
- ✓ Maximum advantage is taken of the wearing surface (modules can be replaced individually)
- ✓ High-precision screening.
- ✓ Extraordinary resistance to abrasion. Very durable.
- ✓ Excellent elasticity (self-cleaning effect) and truncated pyramid-shaped perforations (taper).
- ✓ Low coefficient of friction. Anti-caking.
- ✓ 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.
- ✓ Oxidation-free and minimization of corrosion.
- ✓ Significant noise reduction.
- ✓ Installation (mounting and dismantling) is very easy and quick.
- ✓ Totally flat surface (with no obstacles that retain materials and/or water)
- ✓ Once in place they do not require any maintenance.
- ✓ Highly suitable for screeners and dewatering machines.

inaprene™

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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