

# Irathane Systems, Inc.

An Industrial Rubber Products Company

## Irathane S-355 Polyurea

**Irathane S-355 Polyurea is the only “accepted and proven” Polyurea Spray for the resistance to abrasion, impact and corrosion in the mineral processing industries worldwide.**

Irathane S-355 Polyurea is a revolutionary development in elastomer coatings technology. Since its introduction this product has continually gained market acclaim.

Irathane S-355 Polyurea compound is a two component, M.D.I. base spray elastomer capable of satisfying severe demands with respect to corrosion, abrasion, containment, environmental compliance, ease of application, and long term performance.

This Irathane spray elastomer system is designed to provide exceptional membranes, and coatings with superior tensile, elongation, and tear strength properties.

Applications are continually developing which reduce down time, improve productivity, save valuable capital dollars, and reduce maintenance costs.

### Major features of Irathane S-355 Polyurea elastomer include

- Contains no solvents for fast cure
- High build, one coat capabilities
- 100% solids availability with zero V.O.C.'s
- Can be applied over a broad temperature range (40°F) to (140°F)
- Service temperature range is (-25°F) to (180°F)
- Outstanding physical and performance properties
- Technology assures consistent reactivity that is not affected by moisture or temperature conditions. Set time is generally “TACK FREE” within 20 seconds. S-355 applications can be walked on in 60 seconds, and returned to full production service within one hour.





## Typical Mining Products Protected

- Flotation Cells
- Rougher & Tailings Concentrate Tanks
- Filter Tanks
- Crusher Basins
- Classifier Tanks
- Trunion & Trommel Sumps
- Mill Shells
- Screen Decks
- Launder & Chute Liners

## Partial List of Mining Customers

Agrium Ontario, Canada

El Tiente Chile, S.A.

Falconbridge, Kidd Creek Ontario, Canada

Hibbing Taconite Co. Minnesota, USA

IMC, Esterhazy Saskatchewan, Canada

Inco, Sudbury Ontario, Canada

Inco, Voisey Bay Labrador, Canada

Ispat-Inland Steel Minorca Mine Minnesota, USA

Kennecott Copper Utah, USA

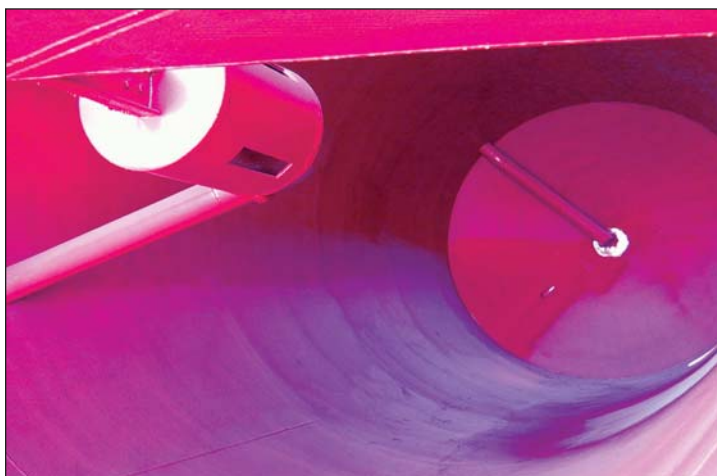
Montana Tunnels Montana, USA

National Steel Pellet Plant Minnesota, USA

Northshore Mining Minnesota, USA

USS-Minntac Minnesota, USA

USS-Keetac Minnesota, USA



## ACOTEC

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