



# Product Data Sheet

## Delta-Size FR

### Fortified Rosin (Paste)

**Delta-Size FR** is fortified rosin for paper & Paperboard sizing. It's a paste which is fully fortified & sponified replacing the conventional gum rosin sizing with better economy.

**Delta-Size FR** reaction rate and bonding strength (Sizing ability) is much better than conventional sponified rosin.

**Delta-Size FR** is specifically designed for use in Paper& paperboard sizing.

#### BENEFITS

- Easy dilution with hot water
- High Sponification Value
- Cost effective

#### TYPICAL PROPERTIES

Appearance.....	Paste
pH .....	9.5 – 10.0
Total Solids .....	65 ± 1 %
Viscosity at 30C .....	400-450cps
Specific Gravity at 30C .....	1.08-1.10
Solubility.....	Freely Soluble in hot Water
Shelf Life .....	180 day

#### APPLICATION

**Delta-Size FR** is completely fortified & sponified Rosin Size which react better with alum than convention sponified rosin.

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**Delta-Size FR** should be diluted up to 3-5% before addition to pulp stock and It is completely soluble in hot water at 50- 60 C temperature, can be used as such hot or cold at room temperature. This solution remain stable up to 48hrs between 5- 50 C .

**Delta-Size FR** optimized dosing rate can be obtained by maintaining the pH range 4.3 to 4.5 and in accordance with the controlled procedures DESCON establishes for Delta-Size FR application.

#### PACKGING, HANDLING & STORAGE

**Delta-Size FR** is available in 60 & 100kg HDPE Drums.

**Delta-Size FR** is advised to be stored under shed away from direct sunlight. This product does not requires specific storing temperature. Leaving drums open should be avoided to prevent any layer formation on the liquid surface.

#### SAFETY, HEALTH, ENVIRONMENTAL AND REGULATORY APPROVALS

Contact DESCON Representative for details.

Users are advised to observe all the safety measure shown on the label and study the Material Safety Data Sheet thoroughly before use. Buyer assumes the risk of any use contrary to such directions. The above mentioned chemical properties are based on the careful lab analysis at different intervals and may not represent the normal batch wise variation. There is no warranty expressed or implied associated with these values. Users are advised to perform their own tests to observe the safety and compatibility with each or in combination of products to be used with this product. Unless otherwise agreed in writing, buyers and users assumes all responsibility and liability for any loss and damage resulting from the handling and use of Descon Chemicals Limited product, whether used alone or in combination with other products.