

Rockformin ECO-FIX is a bio-degradable and eco-friendly, non-flammable product specially developed for the leather industry, as a dye-fixing agent and for regulating pH during the tanning process. When compared to formic acid (which is an non-eco-friendly, toxic and difficult to handle product currently used as a dye fixing agent), Rockformin ECO-FIX does not give the same harshness (compared to formic acid) nor does it affect in any adverse manner the polymer / fiber structure or luster of the leather during tanning. Rockformin ECO-FIX also reduces the consumption of auxiliary chemicals, dyes and also effectively fixes the dyes onto the leather, thereby reducing the effective cost of production. Being a non-polluting and eco-friendly product, using Rockformin ECO-FIX reduces the effluent treatment cost as it does not damage the membrane of the effluent treatment plant compared to formic acid.

Formic acid substitution for leather

Properties:

Appearance: Clear Liquid

Nature: Combination product

Performance: 85% Formic Acid (by performance)

Heavy Metals: Less than 20 ppm

Cl: Less than 5 ppm

Fe: Less than 20 ppm

Specific gravity : 1.51 +

Solubility in water: Miscible

Boiling Point: 141 °C

Flash point: 110 °C

Flammability: Non-Flammable

Storage Conditions: Store in a cool, dry, well-ventilated area, out of direct sunlight. Store away from heat and ignition sources. Store away from incompatible materials such as oxidizing materials, or acids.

Packing: 25 KG PE drums

Applications & Recommendation

For Cow and buff wet blue production:

The advantage of using Rockformin ECO-FIX in the wet blue stage is that:

It quickens the pickling process.

It gives uniform chrome tannage, fast penetration and smooth grains.

It avoids drawn grains and wrinkles in the wet blue stage.

It gives good bleaching and brilliance in the wet blue.

Complete exhaustion of the syntans and fat liquors.

It deeply penetrates the chrome and float is cleared

Advantages of using Rockformin ECO-FIX:

1- Rockformin ECO-FIX is a user and eco-friendly and cost effective product.

2- It's specially formulated as non-polluting product for leather tanneries.

3- It's easily miscible with water.

4- It ensures higher dye depth without affecting the grain surface.

5- It's compact for pickling, fatliquoring and dye-fixing

6- It gives a better touch, smoothness, and good penetration and shade intensives.

7- It's used in same percentage as Formic Acid and in some cases user can even reduce rate of consumption.

8- It also improves the PH of leather for even uptake of chemicals.9- It's compatible with other leather chemicals and auxiliaries.

10- It gives much better strength, good color and excellent finish to the final leather product

NOTE: According to our best knowledge and technical experiments, the above data is true and accurate. Regarding to variety of consumption procedures, it is recommended to evaluate the information before use.

No. 47, South Iranshahr,
Tehran-IRAN

Phone: +98 21 8884 3227

Fax: +98 21 8884 7639

www.rockchemie.com

info@rockchemie.com

