

FORMIKZ®

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|---------------|------------------------------|
| Description | Dye Fixative and pH modifier |
| Appearance | Clear Amber Liquid |
| pH - value | 1 or less |
| Solid Content | 85% +/- 2% |
| Solubility | Freely soluble in water |

Field of application :

As dye fixing agent and pH adjuster in delimiting, tanning , retanning and dye fixing.

Properties :

- » FORMIKZ is an innovative product to replace expensive and Highly Hazardous and Corrosive Formic Acid usage in Leather Industry.
- » FORMIKZ has the potential to completely replace Formic Acid one to one.
- » FORMIKZ is very much less hazard to effluent when compared to Formic Acid.
- » FORMIKZ is safe to handle and non-hazardous to human as it will not give any irritation or burning effect on human skins even if touched directly.
- » Being Non-Corrosive it will not affect the strength of the leather even in prolonged storage.

The following data is the result of our R&D comparison test with FORMIC ACID and FORMIKZ :**

| TEST CONDUCTED | Conventional FORMIC ACID | FORMIKZ | Test Requirement |
|---|--------------------------------|--------------------------------|------------------|
| Tensile Strength (N/mm ²) ISO 3376 | D1 21.92 D2 30.96 | D1 21.47 D2 29.29 | 14 |
| Elongation (%) ISO 3376 | D1 57% D2 65% | D1 57% D2 62% | / |
| Tear Strength (N) ISO 3377-1 | D1 54.9 D2 63.5 Avg 59.2 | D1 55.1 D2 64.8 Avg 60.0 | 20N |
| Colour Fastness: Dry 5 rubs Wet 5 rubs | 4/5 3/5 | 4/5 3/5 | / |
| Leather pH | 3.2 | 3.7 | 3.5 TO 7.0 |

*The above data is pertaining to the trials conducted in our lab and leather subsequently tested with external lab under ISO method.

Note : The product being combination of various raw materials, there are chances of variations in colour and viscosity. The property and application of the product will remain same.
Store within 5°C to 35°C in original pack with tightly closed.

The above information on application on leather is given in accordance to the best of our knowledge and our lab applications. As the usage of the product by the consumer is not under our control, we are not liable for any sort of claims or reimbursements. The product is given without any guarantee/warranty in connection to end use.

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