

## **INDOTAN 4M-DF**

### **Specialty Resin Tanning Agent**

#### **PHYSICAL PROPERTIES:**

Composition	: Specialty resin tanning syntan with different functional group
Appearance	: Yellow brown to brown free flowing powder
pH (1:10)	: 8.0 – 9.0
Stability	: Compatible with anionic syntan, resins & vegetable tanning
Ionic Character	: Anionic

#### **DESCRIPTION:**

**INDOTAN 4M-DF** is a specialty resin tanning agent imparts good tight leathers with appreciable fullness. Thanks to its special property of selective filling in belly areas along with special dispersion properties resulting excellent fullness & mellowness with smooth grain surface.

**INDOTAN 4M-DF** is a specialty resin syntan particularly recommended for the retannage of tight, mellow, lightweight uppers, softies, nubucks, nappa and upholstery leathers.

**INDOTAN 4M-DF** imparts following unique properties,

- Tight, fuller leathers with mellow handle
- Selective filling action in loose areas
- Good light fastness & heat resistance
- Excellent buffing property
- Good dyeing properties with uniform shade
- Retain tensile strength & tear strength
- Compatible with all anionic syntans, vegetable extract & fatliquors
- To be used after neutralization in crusting process

#### **Application**

**INDOTAN 4M-DF** is specialty designed resin which can either be added directly into the

drum or

by dissolving with hot or cold water. It is highly recommended for the retannage of fuller &

tighter shoe uppers, Nubucks without looseness & all types of milled & lightweight soft leathers. It can be used for the retannage of high veg tanned leathers, giving an excellent selective filling, good feel and mellowness.

**INDOTAN 4M-DF** is suitable & useful in the retanning corrected grain leathers , nubuck and suede leathers due to its specialty to facilitates buffing properties.. It is compatible with all anionic auxiliaries.

**INDOTAN 4M-DF** is recommended to use after neutralization in the retanning process.

**INDOTAN 4M-DF** is having wide range of applications as follows:

For Shoe Softy & Nubucks	: 3% - 5%
For Sheep Nappa	: 2% - 3%
Lightweight cow Nappa	: 3% - 4%
High Veg. leathers	: 4% - 6%
For Suede leathers	: 3% - 4%
For milled leathers	: 3% - 5%

**STORAGE STABILITY:**

6-9 months if properly stored in cool & dry place under shed in sealed condition.

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(Prepared on 11-09-2013. Provisional literature no SPCD/Leather/2013/02)