

TotalCare™

Product Description & Application

TotalCare, is a premium, plate-safe fountain solution concentrate for high-speed sheet-fed presses.

Features & Benefits

- 'Total Calcium Control' technology; helps keep calcium in dissolved form
- Low foaming; for trouble-free press performance
- Strongly buffered; to ensure consistent print quality
- Enables fast clean-up and rapid attainment of ink-water balance; for reduced start-up wastage
- Good desensitisation property; to keep plates open on press during press stoppages even at high ambient temperature
- Designed to achieve optimum water settings; to ensure sharper, denser prints
- Effective biocide system; for prolonged bath life & minimal effluent generation
- Free of VOC's (Volatile Organic Compounds); for a cleaner & safer pressroom

Usage Instructions

- Depending on usage condition, add between 2% ~ 3% concentrate in water (20 ml ~ 30 ml concentrate in one litre of water).
- Ideal dilution depends on press speed, type of dampening system, ink type and paper quality.
- Use a freshly calibrated conductivity meter, for accurate dosing control. Ensure that the mixed fount solution is within $\pm 100 \mu\text{s}$ of the pre-determined mix.
- To ensure optimum tray life, thoroughly clean the dosing, circulation and feeding systems with Fount System Cleaner and deglaze ink train and dampening rubber rollers, before charging freshly mixed solution.
- Recommended IPA dosage: 6~10%.

Storage, Handling & Packaging

- Storage & Handling : Protect from direct sunlight. Store at moderate temperatures in a dry, well-ventilated area. Keep the containers tightly closed when not in use. The use of safety gloves is recommended.
- Shelf-life : 12 months from the date of manufacture
- Packing : 100 ml, 5, 20 & 210 litre
- Precautions : Avoid contact with skin and eyes

DOSE
2~3%





Our Planet is our most vital resource. We must do all we can to preserve it. We at TechNova have embarked on a “Go Green” mission. Our objectives are :

- To promote Green awareness within TechNova, with our stakeholders and within the Indian printing industry.
- To develop, manufacture and supply eco-friendly Green products and services that have the least impact on the environment.
- To comply with, and go beyond, all applicable legal requirements with regard to the environment, and help our customers achieve the same.

To assist the printing industry to “Go Green”, TechNova has introduced a bouquet of Green products :

- Chem-free Digital Plates
- Process-free Inkjet CtP Solutions
- Alcohol-free & Alcohol-reducing Founts
- Aromatic-free Press Washes
- VOC-free Cleaners & Deglazers

All Product Information Capsules for TechNova’s Green products carry the “Go Green” symbol.

Corporate Profile

- Since inception in 1971, TechNova has introduced several new breakthrough technologies.
- Recognised as one of the world’s leading manufacturers of imaging products.
- Markets products to over 51 countries through its overseas offices and distribution network.
- Serves various industries such as print & publishing, packaging, textiles, engineering, signage, advertising, geology, photography, business graphics and medical diagnostics.

Product Portfolio

- Thermal CtP Systems
- Violet CtP Systems
- Inkjet CtP Systems
- Digital & Analog Plates
- Flexo Plates
- Graphic Art Films
- Graphic Chemistry
- Diazo Chemistry
- Offset Printing Blankets
- Inkjet & Laser Media
- Diazo Media
- Screen Print Solutions

Highlights

- India’s only and world’s 4th largest manufacturer of digital printing plates.
- Long term technical collaboration with Agfa Graphics.
- Only company outside of North America, Europe and Japan to receive the coveted GATF InterTech Technology Award.
- Recipient of the Davos-based World Economic Forum’s “Top-performing, Global Growth Company Award” in 1997 and “Technology Pioneer Award” in 2000.

Corporate Office

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