

MYSTOLENE MAS

PAPER AUXILIARY PRODUCT DATA

Function	Water repellent, water resistant, minimum slip treatment for paper and board.
Composition	Acid dispersion of metallic salts, oxides, mineral and synthetic waxes in water.
Description	Free-flowing, white acid emulsion, readily dispersible in cold water. Mildly corrosive to iron and mild steel. pH : 4 approx. Total solids : 27.5% nominal
Suggested Uses	Mystolene MAS is suitable for the surface treatment of paper and board, where a good level of water repellency is required. For example in horticultural packages, banana boxes and many areas where protection from deterioration by water absorption is necessary. Mystolene MAS treated board may be satisfactorily overprinted and glued. Specific information on these subject is available on request.
Concentration	The level of Mystolene MAS to be applied will depend upon the level of water resistance required and the surface to which it is applied. In general, however, the following concentrations have been found to be acceptable in practice: Corrugated and solid board: 4 - 10 gm per sq. metre Normally this is achieved using a dilution composed of 1 part Mystolene MAS to 3 parts water. On the paper machine 0.25 to 3.0% on the dry weight of fibre at the size press or calender stack.
Application	Mystolene MAS may be applied satisfactorily at the size press or calender stack. On the corrugator, application is best carried out between reel and preheater using a free-running transfer roller partially immersed in a dilution of Mystolene. Since the method of application will depend upon the equipment available, our technical service department is always willing to advise on particular application techniques. Preparation of Mystolene MAS for application simply involves dilution to the required concentration with cold water. Optimum water resistance is achieved when treated paper or board is dried at a temperature in excess of 60°C.
Handling	Avoid contact with skin and eyes. See Safety Data Sheet for further information. This product will deteriorate if frozen. Appropriate storage conditions should therefore be arranged.