

ABRASION EXE

When a consumer buys textiles, such as clothing fabric, bed linen, home furnishing, he or she expects it to perform satisfactorily during using in terms of color stability and appearance retention, including shape, pilling and fuzziness. Problems associated with durability of color and appearance on wet treatments such as washing and wet rubbing, are of global nature, which in turn frequently leads to customer dissatisfaction and complains.

The rubbing force for dry rubbing fastness depends more on the fiber material than the structure of the fabric with cotton textiles, with the wet rubbing fastness, almost double rubbing force is required as with dry rubbing fastness across all fiber types, With wet, in contrast to dry, rubbing fastness result are remarkably, 1 - 2 degrees below.

Reactive dyes being water soluble it is difficult to achieve the same level of wet rubbing ratings as compared to soluble dyes, like Vat dyes. Particularly in deep shades, even with thorough washing procedure with;

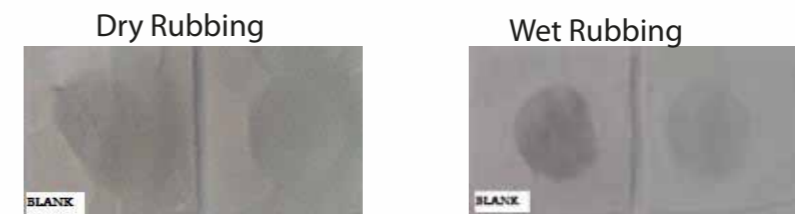
EXOLINE 400 WEL or
EXOLINE MAGIC 3M, and
COLORFIX NF 200,

a fastness rating of 2 - 3 on the grey scale is achievable and is considered satisfactory and acceptable.

- **ABRASION EXE** is a unique polymer and designed to enhance wet rubbing fastness of reactive dyeing's by 1 - 1½ degree.
- **ABRASION EXE** is applied on the padder with silicone softeners together. It is compatible with nonionic and cationic compounds.
- **ABRASION EXE** does not deteriorate the handle of the fabric.
- **ABRASION EXE** does not contain carcinogenic ingredients.



Reactive Black Dyeing, 40 g/L ABRASION EXE



Pigment Print, 20 g/L ABRASION EXE

ABRASION EXE is applied with silicone softener in dry form.

ABRASION EXE 40 - 50 ml/L
UNISIL MCS x ml/L
EXOLINE 3H 2 ml/L (pH = 6 - 7)

Lower pH (e.g. pH= 3 - 4) or higher pH (pH 8 - 9) drops the efficiency. Please check the pH of padder during processing.

- In order to enhance the function of **ABRASION EXE**, we advise the following wash-off and fixation treatments, particularly on deep shades and on fuzzy fabrics.

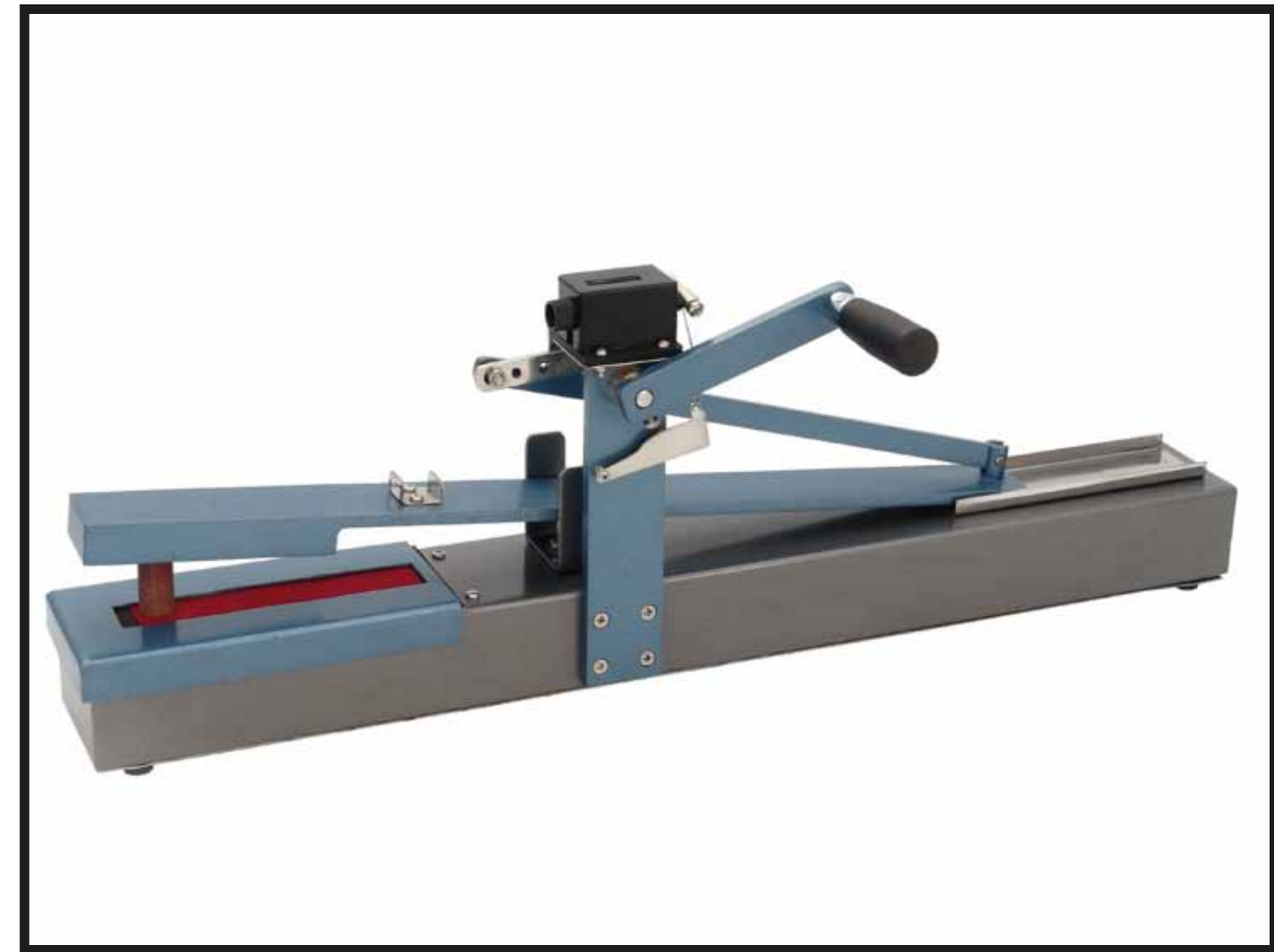
- Soaping with;
 - EXOLINE 400 WEL
 - or
 - EXOLINE MAGIC 3M

- These two polymeric washing agents ensures thorough washing results, in reduced wash cycles, saving;

- Time
- Energy
- Labor
- Environment

- Color fixation by;
 - COLORFIX NF 200

COLORFIX NF 200, is a mild cationic but very concentrated fixing agent, which is easily stripped in case of any need, even redyable.



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