

RUDRA PAINT

PLOT NO. 60/61, PANDOL INDUSTRIAL AREA, VED ROAD, KATARGAM,
SURAT, GUJARAT -395004

TECHNICAL DATA SHEET RP-101 **FIRE RETARDANT COATING FOR FABRIC**

RECOMMENDED USE

Applied on furnishing fabric such as Tent, carpets, curtains, canvas, cardboard, wood industrial felt to make them flame proof as per BS 476 part 8.

PHYSICAL DATA

COLOUR: Water white

THEORITICAL COVERAGE

The coverage of material varies depending upon the weight of fabric and hence cannot be generalized. Some indications are as follows fabric: 70 Sq Ft / 1 Kg

Grey / Red Canvas: 4 sq mtr / Kg. Furnishing Fabric: 6 Sq Mtr / Kg Specific Gravity: 1.1

SHELF LIFE

One 9 months at sealed container.

APPLICATION METHOD

Dip or spray materials to be treated must be soaked and squeezed in such a manner that after drying, the weight of the material increases by about 15 to 18 percent.

RESISTANCE GUIDE

Fire: Fabrics treated with RP-101 will confirm to BS 476 part 8 when tested as pretest method described in BS 3119. Dry Cleaning: Withstands numerous washes Petro wash:
Withstands 3 washes.

IMPORTANT

Furnishing Fabrics curtains, mattress, coir's, carpets etc. are highly flammable and hence, potential fire hazard, which need flame proofing to minimize fire risk.

National Building code part IV, Para 11.6.1 states:

“For assembly buildings, all fabrics and stage settings made of combustible materials shall be treated with flame proofing materials “

FLAME PROOFED FABRIC: When in contact with fire only char but do not spread flame. Flame proofing is either DURABLE or NON-DURABLE.

Flame proofing properties remain unaffected with washing in case of durable treatment whereas the flame proofing treatment has to be repeated after every water wash in case of non- durable treatment.

DURABLE TREATMENT

Durable flame proof fabrics conforming to BS 476 part 8 can be supplied to consumer's specifications. However, by virtue of the limitations in the process involved for durable treatment, only large quantities are commercially available. There are other obvious constraints such as limited fabrics range, non-availability of similar colour and shade on later date, and inability to meet smaller requirement for partial replacements etc., and attendant delays which result in additional cost penalties.

These constraints make durable flame proofing an expensive proposition particularly for furnishing fabrics curtains, mattress covers, carpets etc. which are either never washed or rarely washed i.e. Once in 6 months or a year but not more than a few times during their useful service life.

NON – DURABLE FLAME PROOFING:

Provides the cost effective solution to the above problems and is therefore universally acceptable.

Flame proofing with RP-101

Flame proofing of fabrics with RP-101 is extremely convenient, economical and very effective. The process involved is simple dip or spray and can be easily carried out by the customer at his premises.

RP-101 does not affect flexibility, feel texture or color fastness of the fabrics, Drape of curtain is considerably improved due to its increased weight.

Customer therefore, enjoys liberty to choose fabrics, colors designs and source of his choice.

GOVERNING SPECIFICATIONS AND CERTIFICATION

Fabrics treated with RP-101 will confirm to BS 476 part 8. GOVERNING NEEDS You could be aware that these flammable material are potent fire hazards and need flame proofing to minimize fire risk. National Building Codes

Part IV Para 11.6.1 states that all fabrics and stage setting made of combustible material for assembly buildings shall be treated with flame proofing material. Fabric treated with Fabric Coating, when in contact with fire, will only char but will not spread flame, thereby stopping propagation of fire completely.



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Your Safety is Our Motto

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