



The re-proofing of military tents and shelters

Catomance Technologies has developed Mystox TRP, a product specially designed for the re-proofing of military tents and shelters.

Mystox TRP was developed in co-operation with the Research and Product Support IPT of the UK MoD's Defence Logistics Organisation. The product is used in a rolling programme of re-proofing British Army tents, shelters and field accommodation.



Easy to use by roller or brush application, Mystox TRP provides an “all-in-one” re-proofing treatment. It returns service-worn fabric to an “as-new” condition at a fraction of the replacement cost.

Treatment with Mystox TRP restores the original fabric performance requirements:

- *fabric colour and shade*
- *water resistance*
- *flame resistance*
- *fungal resistance*

Following its adoption in 2001 by the UK's Ministry of Defence, Mystox TRP has been used to extend the life of many thousand Army tents and shelters. Substantial cost savings have resulted and an on-going programme of re-proofing has been implemented.



Mystox TRP: Nato Stock No. 8030992251573

Mystox TRP - Performance data

Flame resistance to British Standard 5438, Test 2A - Face ignition

		Flame duration	Afterglow	Char length
<i>Before TRP treatment</i>	Warp	0 sec.	0 sec.	48 mm
	Weft	21 sec.	190 sec.	125 mm
<i>After TRP treatment</i>	Warp	0 sec.	0 sec.	40 mm
	Weft	0 sec.	0 sec.	37 mm

Flame resistance to British Standard 5438, Test 2B - Edge ignition

		Flame duration	Afterglow	Char length
<i>Before TRP treatment</i>	Warp	Burnt full length	n/a	n/a
	Weft	Burnt full length	n/a	n/a
<i>After TRP treatment</i>	Warp	0 sec.	47 sec.	65 mm
	Weft	0 sec.	82 sec.	85 mm

Water resistance to British Standard 3408 - Cone test

	Water penetration after 24 hours
<i>Before TRP treatment</i>	200 ml
<i>After TRP treatment</i>	Zero

Fungal resistance to British Standard 6085 - Agar plate test

	Mould growth after 14 days
<i>Before TRP treatment</i>	Growth
<i>After TRP treatment</i>	No growth

Flame resistance
Water resistance
Fungal resistance

Restored
Restored
Restored