

## What is Protector?

PROTECTOR is a water-based carpet and upholstery protection treatment which creates a barrier to soilage around the fibres.

## How Does It Work?

Based on Fluoropolymer technology, PROTECTOR is a fabric protection treatment designed for spray application. PROTECTOR is a water-based product. PROTECTOR puts an invisible barrier to soil and stain penetration around carpet and fabric fibres. Spillages can be vacuumed up or sponged off easily leaving the carpet clean and fresh. Being a water-based product, this PROTECTOR takes from 4 to 6 hours to dry, depending on temperature, humidity, fibre density and rate of application. It is an air-cured product which reaches a high level of stain repellency when it dries and continues to develop more repellency over the following weeks. If possible, the carpet should be left to dry for 24 hours before use. The high repellency provided by PROTECTOR will enable liquid spills to be blotted up before a stain occurs.

## For Use On...

PROTECTOR is designed for use on properly cleaned carpet, drapes, rugs, cloth items and fabric-upholstered furniture (but not leather).

## Technical Data

### Properties



COLOUR – Milky, off-white liquid  
 ODOUR – Floral perfume  
 pH = 5.5 – 6.5  
 FOAM – Low foaming  
 TYPE – Cationic

### Environmental Care



PROTECTOR conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage. Water Based PROTECTOR is non-flammable, phosphate free and free from hydrocarbons. PROTECTOR containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd., significantly reducing plastic usage and waste. They can also be recycled.

### Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with

the requirements of AS/NZS ISO 9001:2000 "Quality Management Systems – Requirements".

First Certified: 30 April 1996

SAI Certificate No.: QEC7358

## Application

### Preparation:

PROTECTOR can only be applied to carpets that are either new or have been cleaned by hot water extraction and rinsing. Carpets that have been rotary-shampooed should be extracted with warm water to remove shampoo residues.

Measure the area to be sprayed with PROTECTOR.

AREA = WIDTH multiplied by LENGTH.

AREA (in square metres) = WIDTH (in metres) x LENGTH (in metres).

Use this information to calculate how much PROTECTOR solution will be required.

### Equipment Required:

Electric or pressurised spray-gun. Use a #8004 Tee Jet nozzle. A plastic or stainless steel tank is best. Maintain a pressure between 40 and 50 psi – not below 38 psi and not above 60 psi. DO NOT ATOMIZE OR AEROSOLIZE the product. Measuring jug, 1 litre size, and a plastic bucket.

### Dilution and Coverage:

Determine if the carpet is dry, damp or to be re-treated and use the following tables to make up the correct amount of solution at the right strength. For carpet bonded to the floor, see RETREATMENT. When diluting, always add the water to the PROTECTOR then stir well.

### Dry Carpet

Use the chart to work out from the area to be treated how much water and PROTECTOR should be mixed:

Protector	Plus	Warm Water	Makes Solution	Area solution will cover	
				sq. Metres	sq. feet
0.2 L		0.8 L	1.0 L	4	43
1.0 L		4.0 L	5.0 L	20	215
2.0 L		8.0 L	10.0 L	40	430

### Damp Carpet

When carpet is still damp from cleaning use the following application rates:

Protector	Plus	Warm Water	Makes Solution	Area solution will cover	
				sq. Metres	sq. feet
0.2 L		0.3 L	0.5 L	4	43
1.0 L		1.5 L	2.5 L	20	215
2.0 L		3.0 L	5.0 L	40	430

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.

## Product Data Sheet

Product Code: PRO

Issued: February 15, 2011

### Retreatment of Dry Carpet

To top up a previous application of PROTECTOR on clean, dry carpet make up a solution and apply according to chart:

Protector	Plus	Warm Water	Makes Solution	Area solution will cover:	
				Sq. Metres	sq. feet
0.1 L		0.9 L	1.0 L	4	43
0.5 L		4.5 L	5.0 L	20	215
1.0 L		9.0 L	10.0 L	40	430

### Retreatment of Damp Carpet

To top up a previous application of PROTECTOR on DAMP CARPET or to treat a low-pile carpet bonded directly to the floor (which is likely to be sensitive to shrinkage) make up a solution and apply according to chart:

Protector	Plus	Warm Water	Makes Solution	Area solution will cover	
				Sq. Metres	Sq. feet
0.2 L		0.8 L	1.0 L	8	86
0.5 L		2.0 L	2.5 L	20	215
1.0 L		4.0 L	5.0 L	40	430

### Method of Application:

Pretest PROTECTOR on each dye in the carpet in an inconspicuous area to ensure the carpet is colourfast.

Measure the area to be treated and mix the correct amount of solution. If the pile has been flattened, brush or rake to straighten up the fibres. Place cover-sheets over furniture and mask off skirting boards and polished adjoining floors to prevent contact with splashes or over-spray. Spray the carpet using half the solution, then spray at 90° (right angles) using the remaining half. Use straight, even strokes that overlap slightly. Hold the spray jet 30cm to 45cm from the carpet. Avoid breathing the vapour or spray from this product. Wear a safety mask if vapour contact is possible. Do not atomize the product. Use up all the solution required on the measured area to ensure complete coverage with the correct amount. Make sure that the coverage is UNIFORM. This is very important because only uniform coverage provides total stain protection. Keep the pressure above 38 psi to ensure a uniform spray pattern.

For best results, brush or rake the carpet to work the PROTECTOR into the pile. This is essential on thick pile or shag pile carpets. Allow the carpet to dry.

Do not over-wet the carpet. If the carpet is of a low-pile or low density construction, use less solution but make the solution more concentrated. This will prevent the carpet from becoming over-wet. Use PROTECTOR only on colour-fast carpets. Use solutions within two days.

Wash up: clean the spray gun and wand with water at the end of application. Remove any splashes on walls etc. immediately with hot water and a cloth. Drying will be faster if the temperature is warmer and if ventilation is provided.

### To Maintain the Protector-treated Carpet:

1. Vacuum carpet regularly to remove dry soilage.
2. If spillages occur, remove them immediately by absorbing onto cloth or paper towelling. Rinse with water and blot dry. Remove stains with SPOT WIZ.
3. Clean the carpet by hot water extraction if it becomes soiled over a long period of time.
4. Wear and tear will slowly remove the PROTECTOR from the fibres, so it will need to be re-applied as described under RETREATMENT when this eventually happens.

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