

# Product Data Sheet

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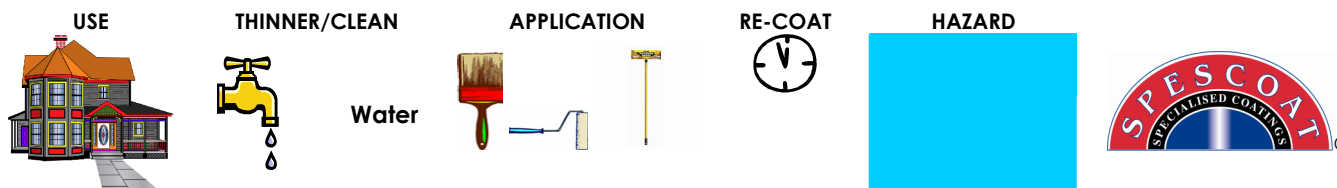


Makers of Fine Paint Since 1962

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## 691 Pave Seal



*691 Pave Seal is a water based stain resisting treatment (not a coating) for use on many types of concrete, stone and masonry and if applied correctly does not significantly change the appearance of most treated surfaces, does not increase the slip risk of the surface and does not change the vapour permeability of the surface. The treatment penetrates the porous nature of a concrete or stone material (the capillaries). 691 Pave Seal imparts both an oil repellent (oleo-phobic) and water repellent (hydrophobic) nature to the treated surface.*

**DESCRIPTION:** The improved water repellence does not affect the water vapour permeability of the surface which will help improve paver life and reduce the tendency for mould, mildew and slime to grow on the surface. As it does not form a paint film and block the pores in the surface it will not suffer from unsightly delamination of the coating where efflorescence is present as may occur with conventional Slate and Concrete Sealer type coatings. 691 Pave Seal can extend the life of concrete pavers and help to protect reinforced concrete from corrosion of the reinforcing.

The oil repellence makes the surface much more resistant to staining materials such as oils (cooking and car), creams and lotions, wine and food stuffs, barbeque and tomato sauce and cosmetics. When spilt on a treated surface the staining agent will spread far less and can be removed much easier than on an untreated surface.

691 Pave Seal is water based and non toxic or flammable solvents are used in its formulation making it far more pleasant to apply than conventional coatings. It is suitable for both interior and exterior use.

As concrete, masonry and stone surfaces can vary widely we recommend the use of our 250ml test kit prior to use of the 691 Pave Seal to ensure its suitability and usage rate.

**USAGE RATE:** As the absorbency of stone, concrete and masonry can vary widely we have seen figures as low as 5m<sup>2</sup>/lt to as high as 40m<sup>2</sup>/lt. A typical usage rate is 10m<sup>2</sup>/lt.

**SURFACE PREPERATION:** The surface to be treated must be clean, dry and free from any oil, grease, mould, slime and any other contaminants. We recommend the use of 684 Super Wash for the removal of oil and grease. Cleaners such as 30 Second Cleaner or similar commercial products may be used to remove mould, fungus and algae. After washing to remove oil, grease and other contaminants the surface should be thoroughly rinsed with clean water and allowed to dry completely.

**APPLICATION TESTING:** Normally we find that one application at 10m<sup>2</sup>/lt normally sufficient. As the absorbency of concrete, masonry and stone can be highly variable a small (250ml) sample kit is available to determine if one coat is sufficient or if two or 3 are required. Select a small discrete area or spare paver and ensure it is clean and prepared as above. Flood brush 691 Pave Seal onto the test area and allow it to soak into the surface. If after 10 minutes material still remains on the surface then one coat should suffice. If the material was rapidly absorbed then apply a second coat over ½ of the test area and check the absorption after 10 minutes. Wipe off the excess and allow to dry. A very highly absorbant material (indicated by rapid absorption of the 2<sup>nd</sup> coat) may require a third coat.

***We recommend that this test MUST be carried out prior to application of 691 Pave Seal to ensure its suitability for the substrate.***

Allow the test area to dry for 24 hours and test the 1 coat, 2 coat (and other) areas with a small drop of water from a teaspoon. The water should sit on the surface as a bead. Check if there is any difference between the beading on the 1 coat and 2 coat areas. If there is no difference then 1 coat will suffice, otherwise select the number of coats that gives the best results. Also check for any change in colour or appearance of the surface. Please contact Topline Paint Pty Ltd if you have any doubts about the results.

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



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**APPLICATION:** 691 Pave Seal may be applied by brush or roller. The material should be flood applied to the surface and allowed to sit for 5 to 10 minutes. The excess material should then be removed by further brushing or rolling. Do not allow material to dry on the surface in pools. If application tests have indicated that a second coat is required this 2<sup>nd</sup> coat should be applied before the 1<sup>st</sup> coat has had a chance to dry, If applied after the first coat has dried some slight colour change may be seen.

**DRYING:** Whilst the oil and water repellence will develop after 24 hours full cure of the treatment may take up to 7 days (at 25°C). Avoid heavy traffic for at least 24 hours. Ensure no Spescoat Pave Seal remains pooled on the surface when drying. Spread the material out with a brush or wipe up the excess with a damp cloth.

Do not apply 691 Pave Seal when the surface or ambient temperatures are below 10°C or above 35°C. Do not apply if relative humidity is above 85% or rain is expected within 24 hours of application.

**THINNING:** Not recommended.

**CLEAN UP:** Tools and equipment can be washed in water. Spills can be wiped up with a damp cloth or absorbed on a suitable absorbent material.

**MAINTENANCE:** Whilst 691 Pave Seal has excellent resistance to oil and grease staining it is recommended that spills, stains and “muck” are cleaned up as soon as possible. The longer a contaminant sits on the surface the more of the material that can seep into the capillaries of the surface and thus increase the risk of permanent staining.

**TREATMENT LIFE:** The question how long will this treatment last is difficult to answer as the life of the treatment can range from as little as 1 or 2 years to a lifetime. The treatment chemically bonds to the stone or concrete and is only lost through physical abrasion of the treated surface. The pores of the surface will remain treated whilst the newly exposed surface will untreated. For this reason life can be related to surface wear – high wear surfaces will probably require re-treating in 2-5 years. Check the surface for signs of lack of water repellence and a decrease in stain resistance performance. At the other end of the scale, rarely used pavers in a verandah may never need a repeat treatment.

**A NOTE ON STAIN REMOVAL:** 691 Pave Seal is designed to make the cleaning and removal of oily and greasy stains easier and it will often allow for complete removal of a staining material. 691 Pave Seal has been tested using water, coffee, wine, tomato / bbq sauce, vegetable (canola) oil and various grades of oil on concrete pavers and some porous stone work. In most cases the contaminant was readily removed by washing with normal household cleaners. Some heavier more viscous grades of oil (gear oil) required a stronger detergent cleaner such as 684 Super Wash.

In practice due to the huge variation in surface types, their cleanliness and wear at the time of treating, length of contact time with staining material and many other factors we cannot guarantee 100% removal of the stain every time. What we can say with surety however is that treatment with 691Pave Seal will give far greater stain removal results than on an untreated surface.



## 691 Pave Seal

### PRECAUTIONS:

*The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.*

**Safety Directions:** **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

**First Aid Instructions:** If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

**Leaks, Spills and Disposal:** To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

**Fire:** Use foam and breathing apparatus. Avoid breathing products of combustion.

**Hazard:** The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes