

TECHNICAL DATA SHEET

DESCRIPTION

Tuf Seal J35 is a scientifically formulated clear, non-yellowing sealer comprised of methyl methacrylate polymers. It dries to a durable, high gloss finish that not only protects, but also beautifies floors. Tuf Seal J35 is designed to provide protection from oil and gasoline and excellent resistance to oils, greases and weathering.

USE

Tuf Seal J35 will not only provide improved gasoline/oil resistance, but it will also help to prevent dusting, spalling and inhibit efflorescence. Clean-up time is reduced and simplified since dirt, grease, oil that normally soak into the concrete are easily removed from the coating. Tuf Seal J35 not only offers protection for concrete surfaces, but it can also protect and beautify exposed aggregate and stamped concrete.

FEATURES

- High gloss finish
- Easy to recoat – no extensive surface preparations
- Resists gasoline, grease, and many oils
- Non-yellowing, clear coating
- Reduces maintenance and clean-up time
- Excellent protection against the weather and ultraviolet radiation
- USDA approved for incidental food contact

Drying time:

Approximately 2 hours at 70°F (21°C) for re-coating or light traffic. Wait 12 hours for heavy traffic. Dry time is temperature, humidity and wind dependent

voc

Less than 800 g/L. Check local VOC restrictions before using.

Estimating Guide

Approximate Coverage Rates:

1st coat 200 – 300 sq.ft/gal (4.9 – 7.4 sq.m/L)

2nd coat 400 – 600 sq.ft/gal (9.8 – 14.8 sq.m/L)

Texture and absorption rate of the concrete will influence coverage rate.

Two coats of Tuf Seal J35 are recommended. Allow the first coat to dry before applying the second coat.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
69078	Unit (6/Case)	1	3.8
69077	Pail	5	18.9
69076	Drum	55	208.2

STORAGE

Store material in a horizontal position to prevent moisture accumulation on the drum head. Shelf life is 24 months from date of manufacture in unopened containers. Store in a temperature range between 0°F (-18°C) to 110°F (43°C).

Surface Preparation:

Surface must be clean, dry, free of grease, dirt, paint and efflorescence (white residue). If the substrate is wet from rain or from surface cleaning, wait a minimum of 24 hours to allow the surface to dry completely before applying. Repair all defects prior to sealing. Protect or avoid spraying Tuf Seal J35 on glass or metal.

Mixing

Thoroughly mix the product prior to each use.

Placement:

Apply Tuf Seal J35 with low pressure spray, roller or brush. Apply uniformly without interruption to prevent streaking. Hold sprayer nozzle perpendicular to the surface and overlap each coat. In order to reduce loss of material to the atmosphere, avoid high pressures when spraying and too fine a spray. Ensure spray nozzle is allowing for a uniform spray pattern without tailings or drips. Coverage will vary with the density and texture of the surface. Apply the Tuf Seal J35 to achieve a complete, uninterrupted film. Avoid applications that are too heavy or too light. Heavy coats can bubble and reduce moisture vapor transmission. Too light of an application may not allow material to form a complete film. Avoid application during excessively hot air or substrate temperatures (>90°F, 32.2°C).

If applying by roller, use short nap, ¼ - 3/8 inch solvent resistant rollers. Do not roll excessively, too fast or when material has begun to dry.

CLEAN UP

For tools and equipment, use xylol or lacquer thinner.

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LIMITATIONS

Concrete that exhibits extreme porosity may require a thin prime coat to avoid air bubbles in the material. Apply prime coat at 550-600 sq.ft/gal (13.5 – 14.8 sq.m/L)

FOR PROFESSIONAL USE ONLY

Not intended for application in enclosed or interior spaces.

For applications of a sealer in an enclosed structure, Dayton Superior recommends a water-based product like the Ultra Seal EF.

Sprayers and equipment should have neoprene or viton type hose and gaskets.

Do not apply at temperatures below 40°F (4°C) or when the average daily temperature remains below 40°F (4°C).

Apply to concrete that is a minimum of 7 days old. Will interfere with the adhesion of sealants, thus avoid spraying Tuf Seal J35 into a joint prior to installation of sealant.

Not for use under resinous (epoxy, polyester, urethane, etc.) coatings.

Product intended for incidental or short-term chemical contact; for long term exposure applications contact Dayton Superior Technical Services.

Tuf Seal J35 will not resist brake or hydraulic fluids.

Film may show black rubber tire marks.

Will darken color of concrete surfaces.

PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.