

IG4253 INSTANT GRAB RESILIENT ADHESIVE

DESCRIPTION

LokWorx IG4253 is a fast-drying, solvent-free adhesive ideal for quick installations of LVT/LVP products. This acrylic polymer-based product dries to the touch in just 10 minutes, enabling fast flooring application. With coverage of up to 1,600 sq. ft. per 4-gallon pail, it minimizes trowel ridge show-through and provides excellent moisture resistance up to 95% RH. Flooring can be installed within 8 hours, offering flexibility for fast-track projects.

Use LokWorx IG4253 to install the following flooring types:

- **LVT/LVP (luxury vinyl tile and plank)**

APPROVED SUBSTRATES

- **Interior use only** for residential and commercial applications
- **Suitable over:**
- Structurally sound concrete
- Wood Association approved wood underlayment and subflooring - [Resilient Wood Substrate Information](#)
- Well-bonded hard surface flooring (e.g., terrazzo, ceramic tile, stone, epoxy coatings)
- PrepWorx moisture control systems
- Gypsum above grade only. Must be properly prepared and primed.
- Portland-based leveling compound
- For use over radiant heat systems should not exceed 85°F (29°C).
- Do not use over chemically abated substrates.

SUBSTRATE TESTING

- Refer to substrate moisture limits per flooring installation requirements.
- Moisture testing per ASTM F-2170 In-situ Relative Humidity: Testing must be performed per latest revision. Three tests must be conducted for the first 1000 sq ft. and one additional test per 1000 sq ft.
- Moisture Testing per ASTM F-2170 In-situ Relative Humidity: **95%RH**
- Vapor retarder compliant with ASTM E1745 is in place and absent of hydrostatic pressure.
- If RH exceeds acceptable levels, apply a moisture control system like **PrepWorx MCS310 or VBS311**.
- Install when substrate, ambient and material temperatures are a minimum of 65°F (18°C).

SUBSTRATE PREPARATION

- Substrates must be structurally sound, clean, and surface dry.
- Substrate must be free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, adhesives, loosely bonded toppings, loose particles and any other substance or condition that may prevent or reduce adhesion.
- Any weakly bonded or soft surface material, such as loose patching compounds, leveling compounds, floor coverings, or coatings, must be removed.
- Do not use sweeping compounds.

Concrete Substrate:

- Concrete and cementitious substrates must be fully cured and free of hydrostatic pressure and topical moisture.
- Clean surfaces using mechanical methods. **DO NOT USE** acid etching or sanding, which will effect adequate bonding.

- Ensure all expansion, isolation joints, and moving cracks are properly treated
- For dormant cracks wider than 1/32" (0.8 mm), **PrepWorx CJR400** may be used to repair.
- It is recommended to fill dormant cracks and saw cuts deeper than 1", using **PrepWorx MRR111**.
- Ensure all moving joints, including expansion and isolation joints, as well as moving cracks, are properly addressed and accounted for throughout the entire flooring system, including the finish layer. No flooring material should be installed over these areas.

Wood Substrate:

- Use MRS101 for preparation as needed.
- Wood substrates must provide a rigid base and be securely fastened without excessive vertical movement. The surface of the wood must be clean and free of oils, grease, wax, dirt, varnish, shellac, and any contaminants that would impair adhesion. If necessary, sand down to bare wood.
- Do not apply totalworx products directly to fire-retardant or pressure-treated wood surfaces.

WARNING: DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEAD BLAST OR MECHANICALLY CHIP OR PULVERISE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. These products may contain either asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non- asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com.

APPLICATION INSTRUCTIONS AND SPREAD RATES

Read and follow the product specific installation guidelines for layout, design and any special instructions for installation.

- Open the container and mix any liquid on the surface back into the adhesive (no mixing required, it's ready to use).
- Use the appropriate roller to apply the adhesive evenly, adhering to coverage recommendations.
- Roll the newly installed flooring with a 3-section, 100 lb roller, following the manufacturer's recommendations.

Flooring Type	Roller Size	Coverage Rates
LVP/LVT	3/8" Nap Roller	300 – 400 sq. ft. per 1 gal. (1,200 – 1,600 sq. ft. per 4 gal. pail) 27.8 – 37.1 sq. m per 3.78 L (111.4 – 148.6 sq. m per 15.14 L pail)
Dry-to-Touch (PSA) Application Flash Time: Dry to Touch Estimated 10 minutes Working Time: 8 hours	<ul style="list-style-type: none"> • For Dry-to-touch (PSA) installations. Let the adhesive set until it's dry to the touch (tacky but no transfer to fingers), then install the flooring. 	

Note: Coverage rate, flash time and working time may vary based on temperature, humidity, substrate porosity, jobsite conditions, and application practices. Coverages are estimates only. Actual jobsite coverage may vary according to substrate conditions.

*Areas with low relative humidity will result in reduced working time.

PRODUCT CHARACTERISTICS

Weight	4 gal or 38.2 lbs / unit
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Pallet Quantity	48 pails
Pallet Weight	1913.5 lbs
Physical State	Paste
Color	Pink
Flash Time	Dry to Touch - Estimated 10 minutes
Shelf Life	1 Year from manufacturing date, in an unopened container.
Storage Conditions	Store away from direct sunlight in a well ventilated, cool, dry area. If storing after opening, remove all air from packaging and seal tightly. Product is freeze-thaw stable to 10°F (-12°C). Before using allow ample time for packaging contents to naturally acclimate at room temperature. Avoid lower temperatures or multiple freeze-thaw cycles.
Cleaning Instructions	Remove wet adhesive with a clean, white cloth dampened with soapy water. For dried adhesive, use mineral spirits, following the manufacturer's instructions and testing a small area first.
Traffic	Normal traffic and rolling loads may be allowed as soon as the installation, finishing and clean-up are complete.

ENVIRONMENTAL

- California South Coast Air Quality Management District Rule 1168
- California Department of Public Health Section 01350
- FloorScore [SCS-FS-20169](#)

LEED IEQ CREDIT INFORMATION (2009 AND V4)

Credit Requirement	Status	Comment
Meets General Emissions Evaluation Criteria	Complies	FloorScore SCS-FS-20169
VOC's (Rule #1168 of California SCAQMD amended October 6, 2017)	Complies	VOC Content < 50 g/L

WARRANTY

[LokWorx Resilient Adhesive Limited Warranty](#)

PRECAUTIONS

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the [Safety Data Sheet](#).