

# K A U F M A N

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INFORMATION

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## KleenLease 28

### Description

KleenLease 28 is a ready-to-use, chemically active concrete, drying-type form release agent. It is composed of specially blended fatty acids dissolved in an extremely light mineral oil carrier. The fatty acids promote ease of stripping and help to keep the forms clean without killing the concrete surface. It never leaves a whitish powder on the surface of the concrete. The very light carrier provides a non-transferring, frictionless surface to eliminate air voids on the concrete surface. This is especially important to facilitate light applications, so necessary for optimum performance. KleenLease 28 meets all VOC content laws of the Environmental Protection Agency.

It is commonly understood that the over-application of form release agents will result in more surface imperfections. As a result, KleenLease 28 is formulated specifically to combat this problem because approximately half of the product will evaporate off prior to concrete placement. This means that although laborers routinely over-apply the product, that the right application rate will be achieved regardless. In addition, KleenLease 28 will not become noticeably more viscous during exposure to colder weather, making it ideal for use during the winter months.

### Uses

Provides a clean release every time from either gray or white concrete. It is designed to be used with metal, aluminum, or wood forms. KleenLease 28 produces a dry form surface to avoid coating cables and for additional safety to the workers. KleenLease 28 is ideal for architectural grade concrete, and especially in precast and pre-stressed plants.

Excels with architectural concrete wall forms, site cast columns, bridge decks, shear keys, pre-stressed beams, and high pressure pipe.

### Specifications

CE 204, Section 7.10  
CE 204, Section 17.4

### Packaging

275 gallon tote (1,040.88 Liters)  
55 gallon drum (208.15 Liters)  
5 gallon drum (18.93 Liters)

### VOC

437 grams/liter  
Meets applicable standards from the Environmental Protection Agency (EPA). If it is required to meet the more demanding AIM regulations from the Lake Michigan Air Directors Consortium (LADCO) or the Ozone Transport Commission (OTC), then use KleenLease 28 OTC.

### Directions Application

Use as the product is furnished. Do not dilute. Form surfaces should be clean, dry and free of contaminants. Apply KleenLease 28 by sprayer. Wipe off any excess material that may have accumulated in the lower sections or indentations of the form. If spraying, use 40 psi or more. Flat spray tips are recommended.

### Coverage Rates

Hard, smooth surfaces - Up to 3,000 ft<sup>2</sup>/gal.  
Pre-treated plywood - Up to 1,500 ft<sup>2</sup>/gal.  
Untreated plywood - Approximately 900 ft<sup>2</sup>/gal.

### Precautions

Prolonged storage, especially at temperatures below 40 °F may cause separation. Warming the above 40 °F and agitation will restore the product to its original condition. When used during cold weather, stir before each use. Too much release agent may cause small surface holes, discoloration, soft spots, concrete build-up and increased difficulty in stripping. Some synthetic form surfaces are degraded when used with KleenLease 28. Do not dilute with other products. Test before use on white concrete to be sure results are satisfactory. Read Safety Data Sheet before using.

### Technical Information

The following results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions, application methods, and equipment.

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