

KAUFMAN

PRODUCT
INFORMATION

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SeasonAL

Description

SeasonAL is a water-based, highly alkaline, chemically reactive and ready-to-use aluminum form seasoning agent. SeasonAL contains robust cleaning agents that penetrate any residual oils left on the forms during manufacture, and works to oxidize the elemental aluminum on the surface to properly season them for successful use. Properly seasoning new aluminum forms is necessary to minimize natural sticking between fresh concrete and aluminum. Once the aluminum forms are properly seasoned, use a high-quality reactive form release agent, such as: FormKote OTC, FormKote Emulsion, FormKote Concentrate, KleenLease 28, KleenLease 28 OTC, or SureForm 20.

SeasonAL meets the rigid VOC content requirements of the Ozone Transport Commission (OTC), Lake Michigan Air Directors Consortium (LADCO), as well as the Environmental Protection Agency (EPA).

Packaging

55 gallon drum	208.15 Liters
5 gallon pail	18.93 Liters

Application

SeasonAL is ready to use and requires no dilution.

Proper stirring or agitation is required prior to use.

Forms should be free of dirt, coatings, concrete, form release agents, foreign matter, or any other deleterious material that may prevent the proper use of SeasonAL. Power washing the forms prior to using SeasonAL with warm water and a commercial grade detergent to remove any excess mill oil and/or grease.

SeasonAL is best used when both form and ambient air temperatures are above 70 degrees Fahrenheit. However, SeasonAL may be used in temperatures as low as 50 degrees Fahrenheit.

SeasonAL may be applied by brush, roller (1/2" nap roller), or sprayer. Apply to the side rails while the forms are still in stacks. Lay the forms on the ground facing up, and apply SeasonAL to the point of rejection, which is 200-300 ft²/gallon. Avoid Puddling.

Technical Data

Density	8.72 lbs./gallon
Odor	None
Flash Point	None
Color	Opaque
Viscosity	10 cps.
Water Soluble	Yes
VOC Content	N/A
Shelf Life	1 Year

Uniform bubbling on the surface of the form will occur, which means that SeasonAL is properly reacting with the aluminum forms. Reaction time is dependent upon both form and ambient temperatures, but is generally about 30 minutes to one hour. Do not allow SeasonAL to dry on the forms for any reason, and be prepared to mist potable water or additional SeasonAL on the ground facing up, and apply SeasonAL to the point of rejection, which is 200-300 ft²/gallon. Avoid Puddling. Do not allow SeasonAL to dry on the forms for any reason, and be prepared to mist potable water or additional SeasonAL on the forms to keep them wet throughout this entire process. If bubbling does not occur within 5-10 minutes, then a contaminant is on the forms that is preventing SeasonAL from working, or the form and ambient temperatures are too low for proper application. While SeasonAL is reacting on the forms, a highly flammable hydrogen gas is created. Only use SeasonAL in exterior areas or properly ventilated interior areas. Keep the area free of open flames or sparks.

Once the reaction is complete, or the bubbling gas ceased, remove SeasonAL completely from the forms by using a low-pressure hose or sprayer (less than 100 psi). DO NOT USE A HIGH-PRESSURE WASHER ON THE FORMS OR THE NEWLY FORMED OXIDES ON THE SURFACE WILL BE DAMAGED. After rinsing is complete, allow the forms to air dry completely.

Once the treated surface is dry, the appearance of the aluminum should change to a dull, gray appearance without any shiny areas. Any remaining shiny areas will require a second treatment of SeasonAL, however make certain first that these shiny areas do not have a contaminant on it that is preventing SeasonAL from working. Once the seasoning operation is complete, and the forms are dry, they are ready to have one of our high-quality form release agents applied to protect the forms.

Precautions

For Industrial Use Only. While SeasonAL is reacting on the forms, a highly flammable hydrogen gas is created. Therefore, only use SeasonAL in exterior areas or properly ventilated interior areas. Keep the area free of open flames or sparks. Protect from freezing. If SeasonAL freezes, bring back to room temperature and stir prior to use. Always store SeasonAL in a dry environment; and only in temperatures above 40 degrees Fahrenheit. Proper stirring prior to use is necessary. Application equipment may be cleaned with potable water. SeasonAL is a corrosive liquid, and all proper safety precautions should be taken. Do not use Class C fly ash in the first five pours, and keep the slump as low as possible. Read complete safety data sheet prior to use.

Technical Information

Test 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.

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salespeople, distributors, and their salespeople have no authority to change the printed recommendations concerning the use of our products.