

EKTACRON[®] VINYL WRAPPED DOOR FRAME SYSTEM

MANUFACTURED BY



Founded in 1966

An excellent choice for both new construction and renovation.



The **EKTACRON[®]** Vinyl Wrapped System is a High Performance residential Door Frame System that gives the homeowner the ultimate combination of strength and durability. Compare the outstanding Features and Benefits of the **EKTACRON[®]** System.

EKTACRON[®], the new pinnacle of Maintenance-Free.

Prefinished and Maintenance-Free

The **EKTACRON[®]** Door Frame System is totally pre-finished and maintenance free. It features a tough, heavy gauge UV stable vinyl (PVC) surface, thermally formed and bonded to a specially selected and milled wood substrate. These two components are intimately bonded together, in the profile wrapping process using exterior rated, waterproof P.U.R. (Polyurethane Reactive Hotmelt) adhesive technology. Once cured the adhesive strength cannot be weakened by any amount of heat, or moisture.

The wood core provides rigid strength and dimensional stability, plus excellent screw holding power required for heavy doors. The composite structure combines the best properties of the two materials; the durable maintenance free properties of vinyl (PVC), and the strength and rigidity of the wood core.

Superior Design

Before the advent of **EKTACRON[®]**, wood door frames were typically either painted, or covered with "cladding". "Cladding" involved placing a loosely-fitted, formed metal or extruded vinyl cover over the outside facing parts of the door frame.

However, when a loose-fitting cladding is installed over a wood profile, the resulting air space between the two materials provides an ideal location for moisture to collect. Moisture in a dead air space, as we all know, provides the perfect opportunity for rot to occur.

The design of the **EKTACRON[®]** System overcomes this potential problem by tightly wrapping and completely bonding the vinyl surface to the wood profile underneath.

Performance Tested

Temperature changes can severely affect the performance of “clad” systems. The loose fitting cladding can expand and buckle with heat, or with lower temperatures, the cladding can shrink shorter than the wood frame underneath. Caulking beads are typically required at the joints in “clad” systems to cover this differential movement and help prevent moisture from entering the space behind the cladding. Over time, caulking beads may break down, allowing moisture to penetrate into the joint.

The **EKTACRON®** frame system is designed to operate in any climate. The superior design and manufacture of the **EKTACRON®** System does not allow any movement of the tough vinyl surface relative to the wood profile underneath. Inkster Park Millwork Ltd. is so confident in this performance feature that **EKTACRON®** samples are routinely tested in boiling water (212°F; 100°C). Even after 6 hours boil time, there is no movement of the vinyl wrap relative to the wood profile. Clearly this is a torture test that goes well beyond anything that mother nature can throw at the door frame. At the other end of the temperature spectrum, **EKTACRON®** door frames have been performing brilliantly since 1994 in climates that experience temperatures below -47°F (-44°C).

Outstanding Appearance



You'll never have to paint!!!

EKTACRON® Vinyl Wrapped Door Frames are distinguished by the clean, crisp appearance at the door jamb joints and brick mould mitres. Since the joints do not move, unsightly caulking beads are not required at these points.

Another advantage of the **EKTACRON®** system is that the vinyl surface wraps all visible surfaces of the installed frame, even the rabbeted portion and inside edge. This provides complete protection, while eliminating any need for painting, “EVER”! Conversely, typical “clad systems” only cover the outside part of the frame, leaving the rabbet and inside edge in need of finishing.

Installation of the **EKTACRON®** Door Frame is simple, using industry accepted methods for wood frames, with **no** special energy robbing metal re-enforcements required.

Environmentally Responsible

EKTACRON® is an environmentally responsible system. The special polyurethane reactive hot melt adhesives used by Inkster Park Millwork Ltd. are a safe, environmentally friendly alternative to the dangerous, solvent based products used in many other industries. Also, recognizing that vinyl is not manufactured from a renewable resource, we confine it's use to that of surface protection, using far less vinyl than extruded products.

Confidence

Inkster Park Millwork Ltd. developed the **EKTACRON®** Door Frame System in response to a need in the market for a better residential door frame. In production since 1994, the **EKTACRON®** System has enjoyed extraordinary success.

Compare the Maintenance-Free features of the **EKTACRON®** System to the maintenance-free claims of alternative products. We are confident you'll agree, the **EKTACRON®** system, combining the rigidity of a wood core with the maintenance free characteristics of vinyl, is a much superior choice.

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