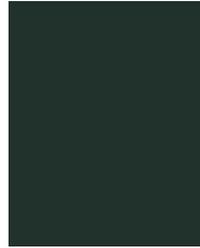


# Erakote

Erakote is a specially designed system to produce high performance industrial rolls without the use of moulds to reduce production time and cost.



## Procedure

Erakote system works by applying a highly reactive multiple-component polyurethane directly onto a rotating roll core to create a solid roll cover in minutes. This process eliminates the need for moulds and no post curing is required. Erakote rolls can be machined to the final size within hours of being cast and delivered within days instead of weeks or months. In some cases, the bearings from the roll journals do not have to be removed to improve time and cost savings.

It uses 3 components which levels can be varied to produce polyurethane rolls from 65 Shore A up to 95 Shore A. The rapidly reacting 3 component system is poured onto a rotating core and is built up in a series of passes to the specified diameter. In some cases rollers can be machined to exact specifications after 1 hour of room temperature postcure, this depend on material hardness and roll size.

## Use

The Rotakote polyurethane system is used in the production of material handling rollers for the steel, paper and timber industries.

## Advantages

### No moulds

This means a huge advantage when producing large rotationally symmetrical rolls or when a large variety of diameter items are required.

### No Release Agent Contamination

Without moulds there is no need for release agent, essentially eliminating adhesion problems due to contamination of release agents.

### Accelerated Production

With the reduction of time-consuming steps such as preheating moulds, elevated temperature postcure and lengthy postcure times your whole process becomes more efficient.

### Minimal Material Waste

Rotational pouring produces minimal overbuild thus minimal material wastage.

For more information about this product please contact our sales team or visit our website at [www.erapol.com.au](http://www.erapol.com.au)

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