

Printo

Etikett og skiltleverandøren
til norsk industri

TECHNICAL DATA SHEET

Resin:	MF 440/L
Hardener:	DK 124

Uses:	Two components polyurethane system, used for labels and decals coating. It is a mercury free system.
Application:	By direct casting at room temperature and pressure, after degassing cycle in tanks for both components. Specific for final low thickness. A dosing/mixing equipment DEMAK LCS is necessary.
Initial characteristics:	It is a slow reactivity system having low viscosity. Be careful to avoid contact with moisture for both components.
Final characteristics:	After complete curing, obtained polymer shows soft-elastic behaviour. Good ageing resistance to UV light and environmental conditions.

TECHNICAL FEATURES

Before polymerization

Characteristics	Test Method	Unit	MF 440/L	DK 124
Color			transparent	transparent
Viscosity (25°C)	SE 001 (Brookfield)	mPas	450	200
Storage stability (15-25°C)		months	6	6
Mixing ratio	by weight		100	100
	by volume		100	100

Reactivity

Characteristics	Test Method	Unit	MF 440/L	DK 124
Gel - Norm (25°C-12 ml)	SE 003	min	20	
Viscosity (25°C)	SE 001 (Brookfield)	mPas	350	

Final Properties

Characteristics	Test Method	Unit	MF 440 L	DK 124
Hardness (Shore) at 25°C	ASTM D 2240	D	29	
	SE 004			
QUV Test Resistance	SAE J 2020 ASTM G 53	gray scale	> 4	
Salt Spray Test Resistance	ASTM B 117- 240 h	visual	no cracking, cratering, change in	
Humidity Resistance	240 h	visual	color	

All above mentioned information are based on results gained from experience and tests. They are believed to be accurate but are given without acceptance of liability for application and characteristics of finished products, depending on technology and working methods of final users.