

ez Guard™60(POLYUREA)

폴리우레아 RIM 스프레이 도장

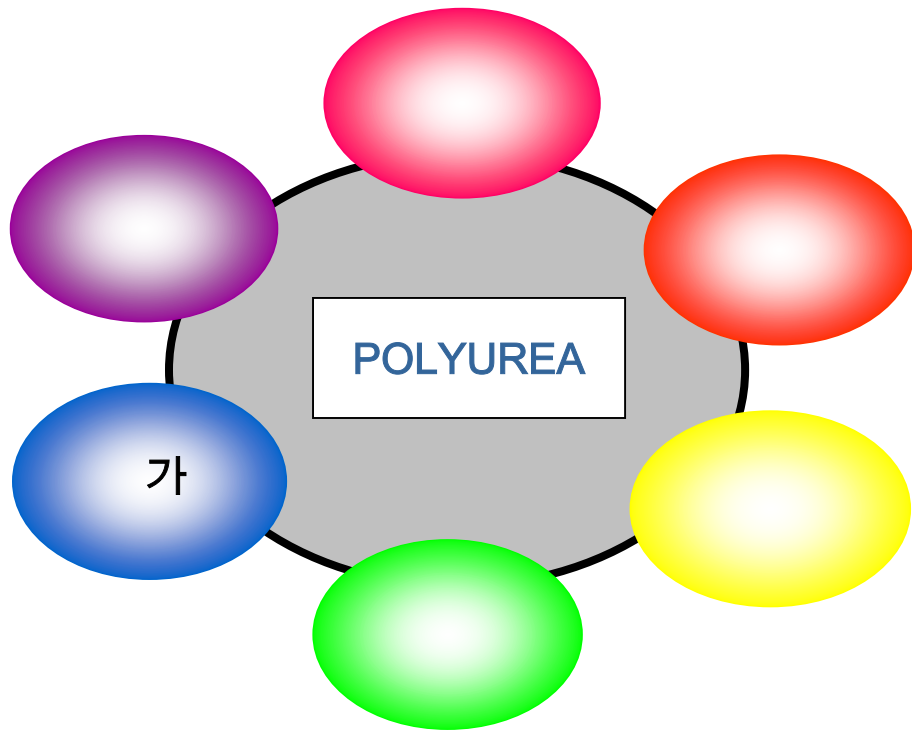


 **벽산페인트(주)**

무용제, 무촉매 폴리우레아 엘리스토머

Amine

Isocyanate Pre-polymer



Polyurea coating

Texaco社가

Coating

. Amine Isocyanate 2

Elastomer

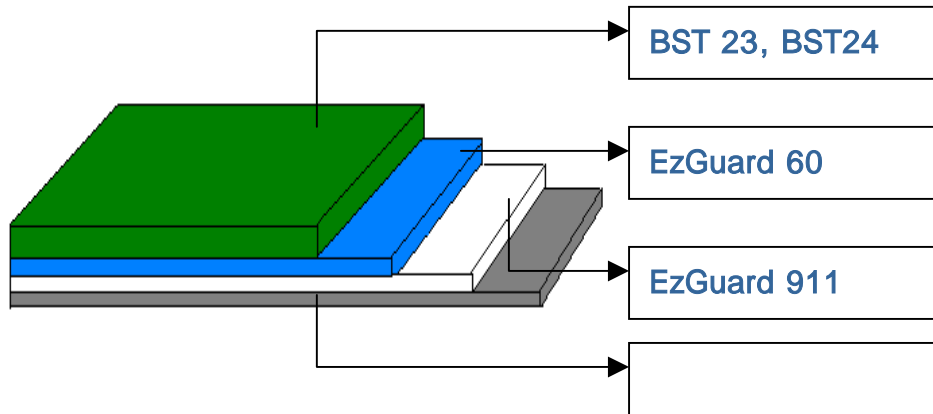
, 가 가

가 .



Polyetheramin

ezGuard Isocyanate prepolymer



가 ™ 911

1

가

()

ezGuard #60

Elastomer

가

ezGuard #60

가

가

가 가

ezGuard #60

Polyurea

Spray 가

ezGuard #60

1:1 2

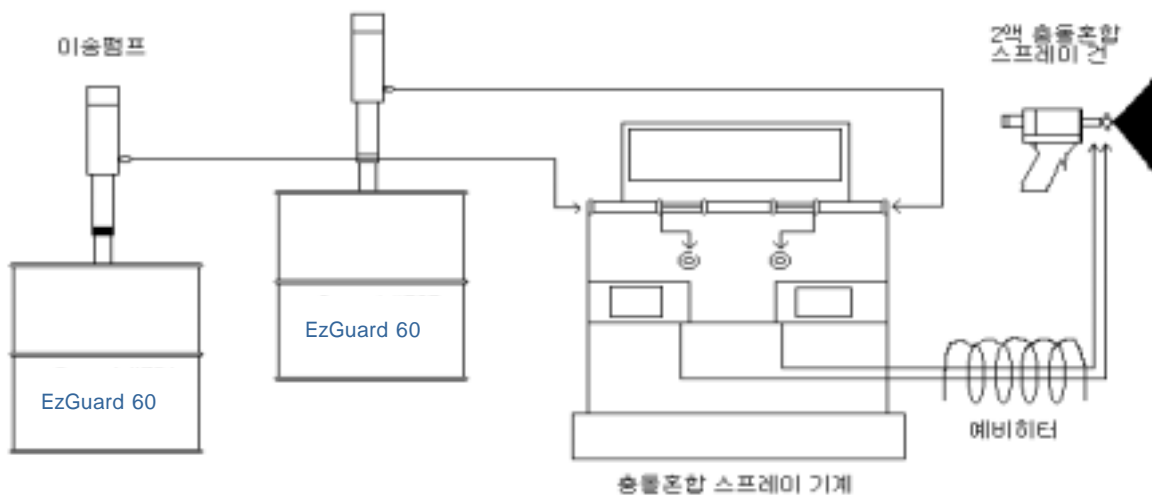
가

1



	ezGuard #60 A	ezGuard #60 B
(%)	100	100
()	195 210	165 180
(Vol%)	100	100
Shore "A"	90 100	
(kgf/cm ²)	100 300	
(kgf/cm ²)	50 80	
(kgf/cm ²)	1000 1200	
(%)	300 600	
가 (sec)	5 15	

LAY-OUT





	Polyurea	Polyurethane	Polyester	Epoxy	Vinyl ester	Acrylic	Polysulfide
	-	-				-	-
						-	
		-				-	-
		-	-	-	-	-	
	-	-				-	-
		-				-	-
	-	-	-		-	-	
			-	-	-	-	
	-		-	-	-		-



		Polyurea
	20 10% HCl	12
	20 10% H ₂ SO ₄	12
	20 10% NaOH	12
	20 H ₂ O	12
	20 3% NaCl	12
	20 C	12



,
 (:)
 (PC)

,
 ,
 ,
 ()



- /
- : /Geotextile
- :
- Open-Mold ,
-
- OSB edge-seal / (exterior siding)
- /
- (plastic tote)
- (roofing): , foam, ,
- : , ,
- :
-
-
- : ,
- (road marking) :
-
-
- (potting)
- (Deck) /
- (Expanded Polystyrene)
- Rail Hopper Car
- Truck Bed
-



KOTRIC

TEST REPORT (Registered Copy)

Youngwoochem, 400g 9th Fl., Seoul, Korea 150-020 111-82-2-465-5100 FAX: 82-2-2634-1000
 Daegu-ks, 300 Youngwoochem 114-6, Pusan, Korea, 601-013 111-82-2-464-0771 FAX: 82-51-822-2110

Report No.: KR-01422
 Name of President: Chung Woo Lee
 Name of Company: BYUCKSAN CHEMICAL CORPORATION
 Client's Address: 850-1, Gansu-Dong, Dong-Gu, Pusan, Korea
 Receipt Date: Nov. 18, 2000 Test Date: Nov. 29, 2000
 Sample Name: 2000-09-09 (2000-09-09)

TEST RESULTS		UNIT	RESULT	TEST METHOD
Tensile Strength	MPa	246	KS F 3011-97	
Elongation at Break	%	463	KS F 3011-97	
Tensile Modulus	MPa	2278	KS F 3011-97	
Tear Strength	N/25mm	89	KS F 3011-97	
Change in Coefficient After Heat Treatment	%	-0.2	KS F 3011-97	
Tensile Properties After Treatment			KS F 3011-97	
Ratio of Tensile Strength	%	109	KS F 3011-97	
Elongation at Break	%	440	KS F 3011-97	
Tensile Properties After Alkali Treatment			KS F 3011-97	
Ratio of Tensile Strength	%	109	KS F 3011-97	
Elongation at Break	%	432	KS F 3011-97	
Tensile Properties After Acid Treatment			KS F 3011-97	
Ratio of Tensile Strength	%	108	KS F 3011-97	
Elongation at Break	%	422	KS F 3011-97	
Adhesive Strength	MPa	250	ASTM D-4541	
** Adhesive Strength Test : Elongation (Elongated) Sheet (Test Specimen) By the Client				

NOTE : 1. This test report shall not be used outside the purpose of the defined scope.
 2. This report is valid only for the sample presented to the client, and it is the indication of the client's testing procedure.

Testing Location: Dong-Gu, Pusan, Korea
 Account Staff: Young Woo Park
 The KOTRIC is accredited by the KQAS, Korea Laboratory Accreditation Scheme.

Director General, Korea Testing & Research Institute for Chemical Industry

Nov. 29, 2000
 Received Date: Nov. 29, 2000

1 of 1 (01/1 Page)

D.P. Form 10-09-00 Revision No. 00 Pusan Office, KOTRIC Office (4/21/00-207)

Byucksan paint & coatings co., Ltd.

- : 22-1 TEL 02) 2260-6114
- : 950-1 TEL 051) 310-5710/19
- : 957-1 TEL 051) 317-6800/3
- : 526-2 TEL 053)644-3251/3
- : 299-2 TEL 042)636-6076/7
- : 941 TEL 062)512-0067/8
- : 2가 241-2 TEL 063)224-3495/6
- : 1559-15 TEL 052)268-1017
- : 374 2 TEL 055)299-8115/7