



**MultiFIX**<sup>®</sup>  
Systèmes et Produits Réactifs  
Reactive Systems and Products

Polyurea Coatings  
**MultiFLEX** 301, 302, 303, 304, 305, and 310

Protective membrane

Various hardnesses

Waterproof

Adheres well to all surfaces

Resistant to impacts, abrasion,  
corrosion, chemical products  
and UV rays

Applicable by high pressure spray with  
specialized equipment starting from  
0.75mm to an unlimited thickness



Protect and  
optimize your  
investments



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## Polyurea Coatings

### MultiFLEX 301, 302, 303, 304, 305, and 310

**MultiFLEX 301** is an elastomeric polyurea with high hardness used as an abrasion resistant coat to facilitate the flow of abrasive products. This high performance coating can be used on bridge pillars, docks, retention ponds, mining applications, to protect against corrosion and in various applications to protect structures.

#### Physical Properties :

Hardness (Shore D) (ASTM D2240).....	60D
Tensile strength (psi) (ASTM D638).....	3000
Abrasion resistance (mg) (ASTM D4060).....	6.5
Elongation (%) (ASTM D638).....	250
Glass transition (ASTM D7028-07).....	-55C
Tear strength (N/mm) (ASTM D624).....	.65

**MultiFLEX 302** is an elastomeric polyurea with a high modulus of elasticity. It is used as an abrasion resistant coating wherever impact and moisture resistance is required. Frequently used on concrete and wood floors, metal surfaces and dumpers, foams, retention ponds, mining applications, against corrosion, and in various applications to protect structures.

#### Physical Properties :

Hardness (Shore A/D) (ASTM D2240).....	95A/45D
Tensile strength (psi) (ASTM D638).....	2800
Tear strength (PLI) (ASTM D624).....	.600
Elongation (%) (ASTM D638).....	.500
Modulus 100% (psi) (ASTM D638-02).....	1200
Modulus 300% (psi) (ASTM D638-02).....	1800

**MultiFLEX 303** is an elastomeric polyurea with medium hardness that acts as a high performance generic coating. Abrasion-resistant coating where good mechanical properties are required. Forms a monolithic barrier resistant to the majority of chemical products. Coating used on tanks, mining waste, retention ponds, and in industrial applications. Protects against corrosion and structures.

#### Physical Properties :

Hardness (Shore A/D) (ASTM D2240).....	85A/35D
Tensile strength (psi) (ASTM D638).....	2000
Abrasion resistance (mg) (ASTM D4060).....	5.5
Elongation (%) (ASTM D638).....	250
Glass transition (ASTM D7028-07).....	-55C

**MultiFLEX-304** is an elastomeric polyurea having an average hardness that serves as a generic coating. Used as a waterproofing coat to cover large areas since it is low cost. Forms a monolithic barrier resistant to water and several chemicals. Applied on concrete foundations, tanks, retention ponds, and in industrial applications. Protects against corrosion and structures.

#### Physical properties :

Hardness (Shore A/D) (ASTM D2240).....	90A/40D
Tensile strength (psi) (ASTM D638).....	1750
Abrasion resistance (mg) (ASTM D4060).....	8.0
Elongation (%) (ASTM D638).....	300
Glass transition (ASTM D7028-07).....	-54C
Tear strength (N/mm) (ASTM D624).....	44

**MultiFLEX 305** is an elastomeric polyurea with low hardness acting as a flexible, rubberized coating. Used as a waterproofing coating with high impact resistance and good abrasion resistance. It forms a monolithic barrier resistant to water and chemicals. Practical on roofs, tanks, retention ponds, and in industrial applications while protecting against corrosion and protecting structures.

#### Physical Properties :

Hardness (Shore A/D) (ASTM D2240).....	75A/25D
Tensile strength (psi) (ASTM D638).....	1300
Abrasion resistance (mg) (ASTM D4060).....	9.5
Elongation (%) (ASTM D638).....	650
Glass transition (ASTM D7028-07).....	-60C
Tear strength (N/mm) (ASTM D624).....	.46

**MultiFLEX 310** is a 100% solid aliphatic polyurea coating system. Designed to be applied in thin film applications (10 to 20 mils (250 to 500 microns)) dry film thickness. It may be applied directly on properly prepared substrates and may be used as a topcoat for epoxy, polyurethane, polyester, or polyurea.

#### Propriétés physiques :

Hardness (Shore D) (ASTM D2240).....	.55D
Tensile strength (psi) (ASTM D638).....	3750
Abrasion resistance (mg) (ASTM D4060).....	9.5
Elongation (%) (ASTM D638).....	500
Glass transition (ASTM D7028-07).....	-55C
Tear resistance (PLI) (ASTM D624).....	.630