



IMPACT-RESISTANT HARD COATS

VFI impact-resistant hard coats are fast-setting, two-component, flexible coatings that are sprayable using cartridge-based or high-pressure equipment. They protect various surfaces, including wood, metal, and EPS, from outdoor weather conditions and impacts in non-regulated environments. They are especially useful for theming projects that will be placed in high-traffic areas.

Product Name	Shore Hardness ASTM D2240	Gel Time	Impact Resistance @ 40 mils ASTM D1709	Tensile Strength ASTM D412	Elongation at Break ASTM D412	Tear Strength ASTM D624	Application Method	Paintable
VFI-2075	75 A	8 min	N/A	910 psi	790%	168 pli	Brushable	No
VFI-2076	75 A	15 min	N/A	1,120 psi	933%	232 pli	Brushable	No
VFI-6020	30 D	N/A	N/A	900 psi	900%	65 pli	Brush/Qwik Spray	Yes
VFI-6030	70 A	5 sec	N/A	1,050 psi	600%	175 pli	High Pressure	Yes
VFI-6031	76 A	20 sec	>28 in-lb	1,000 psi	340%	135 pli	Qwik Spray	Yes
VFI-6040	40 D	4 sec	>28 in-lb	2,182 psi	110%	187 pli	High/Low Pressure	Yes
VFI-6041	40 D	4 sec	>28 in-lb	2,182 psi	110%	187 pli	Qwik Spray	Yes
VFI-6050	45 D	12 sec	N/A	2,000 psi	400%	340 pli	High Pressure	Yes
VFI-6060	57 D	5 sec	N/A	3,000 psi	250%	480 pli	High Pressure	Yes

**Please refer to individual technical data sheets for a full list of properties*

Applications: custom signs, prop making, scenic fabrication, set design, museum displays, and other theming projects



VFI-2075 75 A FLEXIBLE POLYURETHANE

VFI-2075 is a 75 A, standard brushable rubber with a 10A:1B mix ratio by weight that creates a flexible, rubber-like texture on a variety of surfaces. It has good properties that allow it to endure stressful conditions like impacts.



VFI-2076 75 A SLOW FLEXIBLE POLYURETHANE

VFI-2076 is a 75 A, slower 1A:1B by volume brushable rubber that works well for those who need more time to work with the material before it cures. It is best used in smaller quantities and can be pigmented if desired.



VFI-6020 IMPACT RESISTANT HARD COAT REPAIR

VFI-6020 is a polyurea hybrid mastic repair material for fixing scratches, blisters, and other damage that has occurred on polyurea and hybrid coatings. It can be brushed on a surface or injected with the Qwik Spray Gun.



VFI-6030 70 A POLYUREA SPRAY COATING

VFI-6030 is a 70 A, flexible coating applied using high-pressure spray equipment to create a smooth, durable film on flexible surfaces. It has resistance to impact and thermocycling, providing a fast-setting elastomeric finish without adding too much structure or weight.



VFI-6031 75 A POLYUREA HYBRID SPRAY COATING

VFI-6031 is a 75 A, flexible coating applied using cartridge-based spray equipment to create a smooth, durable film on flexible surfaces. It has resistance to impact and thermocycling, providing a fast-setting elastomeric finish without adding too much structure or weight.



VFI-6040 40 D HP/LP IMPACT RESISTANT HARD COAT

VFI-6040 is a 40 D, fast-setting polyurea hybrid that can be applied using high-pressure or low-pressure spray equipment. It provides surfaces in high-traffic areas with impact and abrasion resistance.



VFI-6041 40 D QS IMPACT RESISTANT HARD COAT

VFI-6041 is the counterpart to the VFI-6040, as it can be used with cartridge-based equipment like VFI-7500 Qwik Spray Gun. It offers a more cost-effective spray application, with the additional benefit of portability.



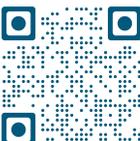
VFI-6050 50 D IMPACT RESISTANT HARD COAT

VFI-6050 is a 50 D, high-pressure sprayable hard coat that is capable of achieving high builds quickly with properties that allow for flexibility, which creates good impact and abrasion resistance in outdoor environments.



VFI-6060 60 D IMPACT RESISTANT HARD COAT

VFI-6060 is a 60 D, fast-setting, high-pressure coating that is applied in high builds to achieve excellent abrasion and impact resistance. It is a two-part polyurea hybrid with excellent spraying characteristics for easy application.



VFI-7500 QWIK SPRAY GUN

VFI-7500 is the pneumatically driven, dual piston air gun supplied by VFI for using with any of our 750 mL dual cartridge systems. It's easy to use, portable, and cost-effective for small to medium sized projects.

MANUFACTURER OF HIGH PERFORMANCE POLYMERS

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