



## TECHNICAL DATA SHEET

System   Product		Resifan E SELFLEVELING
		English
		Rev. 09-2016
<b>Description</b>		Colored Self-levelling Resin and continuous of 2-3 mm of thickness . Ideal for environments where continuity, smooth finish and low maintenance are essential.
<b>Advantages and Possibilities</b>		<p>Polyurethane floors are ideal for the food industry - Epoxies floors are very good for light and medium industry, where hard floors are needed. - Polyester floors are very good for decorative floors of high resistance, where color stability is fundamental - Its color is full or solid giving a sophisticated and minimalist look - Making environments with either strong or soft colors - Floors of high wear resistance are achieved - similar to vinyl flooring but without joints. - It can be applied in homes and businesses and industries - Fast application and fast traffic released. - It can be applied over existing coatings - No joints needed - Clean, easy and low maintenance floor. -Solvent free (Resifan Poliuretano and Epoxi) Odor Free (Resifan Poliuretano and Epoxi) Ideal for smooth decorative flooring</p>

		<p>Excellent mechanical properties - Excellent adhesion - Resistant to a wide range chemicals : diluted mineral and organic acids , alkalis and solvents - Check if exposed to chemicals - Very good leveling - high surface hardness - Ideal for laboratories and clinics - combinations of colors and exclusive designs can be made - Furniture of solid and smooth finishing like plastic products can be made – As it is a closed material is ideal for antibacterial and hygienic floors - With Resifan sanitary sockets can be made - With the addition of carbon fibers , antistatic flooring for operating rooms can be achieved - can be applied on desks, ideal for its scratch resistance - Resifan paint epoxy and polyurethane can be applied to floors and walls - Resifan polyurethane paint is perfect for garages areas on both floors and walls -10:10</p>
<b>Basic Features</b>	<b>Thickness</b>	Between 1 and 3 mm
	<b>Uses</b>	Residential, Commercial and Industrial. Indoor only
	<b>Surfaces</b>	Floors and horizontal surfaces
	<b>Colours</b>	Ral Color Chart
<b>Installation</b>	<b>System Composition</b>	Tri-Component: (Resina Comp A+ Comp B) + sand (0,4)

<p><b>Substrate</b></p>	<p>It should be firm , tough, solid and free of humidity - There can be no upward or negative humidity - should not have cracks - can be of mortar, concrete and tile very well leveled – In case of ceramic and similars, it should be previously leveled with Thick Powder ( leveling Edfan mass)</p>
<p><b>Substrate Conditioning</b></p>	<p>Remove all loose items - Level with Thick Powder( leveling EDFAN mass ) traces of waxes, fats, oils and / or similar substances should be removed - it is always recommended to sand and vacuum the base with specialized tools – In case of bases that can be shattered previously apply acrylic Solvent Sealent or Resifan E as appropriate – fill fisures with Resifan - in risky surfaces use Resifan + mesh system - is essential a good leveling for an excellent result - Remove all dust or grit</p>
<p><b>Mixing and Tools</b></p>	<p>Mix with electric mixer at low speed.           Tools to be used: hand trowel , spatula , sandpaper , vacuum cleaner, rollers , brushes , toothed trowel for self -leveling , electric mixer , sprayer , pad for lacquered and clean buckets</p>
<p><b>Mix Proportions</b></p>	<p>In Weight: COMP. A: 4.37 KG / COMP. B 1,00 KG / Comp C: 2,15 to 3,00 kg          In Volume: COMP. A: 3,22 / COMP B 1,00 / COMP C: from 1,50 to 2,30</p>



<p><b>Installation Method</b></p>	<p>Once the surface is ready mix with an electric mixer at low speed. Mix each component individually          Put comp. A on a clean bucket and add comp B and mix until components are homogenized.          Pour the mixture on the surface and spread it with a self leveling comb nº25 or upper depending on the use that will have the floor.          Once the product is spread, pass barbed metal roller to remove any bubble or unevenness.          Notes:          Use nail shoes while passing the barber on fresh product. Look for possible imperfections against light.          Strain the product once the mix is ready</p>
<p><b>Tools Cleaning Guide</b></p>	<p>Clean with disolvents.</p>
<p><b>Installation Conditions</b></p>	<p>The environment must be dry - The place must be completely closed – there cannot be air drafts - There cannot be floating dust</p>
<p><b>Substrate Temperature</b></p>	<p>Between 15 °C y 25 °C</p>
<p><b>Room Temperature</b></p>	<p>Between 15 °C y 30 °C</p>
<p><b>Humidity</b></p>	<p>Maximum 2% (surface humidity not ascendant humidity)</p>
<p><b>Consume</b></p>	<p>Resifan Comp A+B : 1,3 kg          Comp C (Sand) : 0,8 a 1,0 kg Sand</p>



<b>Protection</b>		It can be used Wax - Resifan Pu
<b>Maintenance</b>		Dust and dirt must be removed with a vacuum cleaner. Occasionally a more deep cleaning will be necessary , for which the surface should be cleaned with a damp cloth and a conventional detergent. No dripping rags or mops should be used. Shoes prints should be removed using a dry cloth. It is recommended to use waxes periodically to prevent premature wear. For a easier maintenance is recommended to seal the Resifan E Autonivelante with PU Matt Sealer Resifan .
<b>Technical Features</b>	<b>Dry to touch</b>	5 hs
	<b>Dry to transit</b>	24 hours
	<b>Recoating Time</b>	12 hours
	<b>Total Coats</b>	1
	<b>Total Time</b>	7
	<b>Adhesiveness</b>	more than 2/Nmm2
	<b>Abrasion</b>	S/D
	<b>Surface Hardness</b>	S/D
	<b>Water Absortion</b>	S/d
	<b>Impact Resistance</b>	S/D
	<b>Slip Resistance</b>	S/D
	<b>Stripe Resistance</b>	S/D



	<b>Type</b>	solid and liquid
	<b>Density</b>	Comp A and B: 1,25 ; Comp C 1,3
	<b>Solids</b>	1
	<b>Pot Life at 25 degree</b>	30 min
	<b>VOC</b>	S/D
	<b>Fire Resistance</b>	Bfl-S1
<b>Storage Conditions</b>		Dry places and original closed package
<b>Shelf Life</b>		12 months
<b>Sales Formats</b>		Buckets of 25 kg net COMP. A – 20.35 KG COMP. B – 4.65 KG Comp C- 25 kg - Bag
<b>Safety and Health</b>		In case of spillage, collect the material with an absorbent material such as sawdust or sand Do not Pour into sewer, rivers, canals or grids Should not be in contact with skin and eyes or be Ingested. Dirty liquids. In case of contact with the eyes, wash with plenty of running water and seek medical attention. In Case of contact with skin, wash with soap and plenty water. If ingested, seek immediate medical attention. Do not induce vomit. Wear safety gloves and goggles during handling and application of the product



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<b>Personal Protection</b>		Dust masks - safety gloves – protection goggles - ear protection - safety shoes - weights corset - Helmet - All element required by laws - gas masks with filters
<b>Legal Note</b>		The information and recommendations in this document are provided by EDFAN in good faith and with the experience and data obtained so far. In any case EDFAN is responsible for the use of this information. EDFAN can change the data and information of this document without prior notice as well as the properties and uses of the product or system described