



CAMPI DI UTILIZZO: Particolarmente indicata per la protezione delle pareti dai graffi o per il rivestimento delle porte. Si adatta armoniosamente a qualsiasi tipo di arredamento. Può essere lavorata ad onde o a disegno.

**DESCRIZIONE:** Lastre R47 realizzate in blend di polimeri plastici autoestinguenti. Disponibili in una vasta gamma di colori, sono resistenti agli urti, ai graffi, facili da pulire e forniscono un'ottima finitura durevole nel tempo. Superficie goffrata.

Spessori disponibili 1 - 1,5 - 2 mm. Dimensione pannelli 1220x2440 mm

Proprietà di resistenza al fuoco - Il prodotto soddisfa i seguenti criteri: BS476 Parte 7 Classe 1 -EN13823 BS3D0.



**USE:** Suitable for wall cladding for scratches protection. Also suitable for door cladding.

**DESCRIPTION:** R47 are made from blend of fire retardant plastics polymers. Available in an extensive range of colours, these materials are resistant to impacts and to scratches, easy to clean and resistant to staining, providing a beautiful finish that lasts. Surface in embossed view.

Available thickness 1 - 1.5 - 2 mm. Dimensions sheet 1220x2440 mm

Flame Resistance Properties - The product will meet the following criteria: BS476 Part 7 Class 1 - EN13823 R47 BS3D0.







Azienda con Certificazione di Qualità
Uni En ISO 9001:2015
Certificato n. 9160.TEKL









# **Typical Physical Properties**

Properties	Unit	Standard	Method	Value
Density# Drop Weight Impact Tensile Strength	g/cm <sup>3</sup>	ISO1183	-	1.40
	J	ISO 6603-1	A at 23°C	70
	MPa	ISO 527	50 mm/min	35
Vicat Softening Point	°C	ISO 306	A50/oil	75
Heat Distortion Temperature	°C	ISO 75	HDT/A 1.8MPa	60
Flammability Rating **	mm	UL94	V0	1.0
Flammability Rating	mm	BS 476 Part 7	Class 1	1.0
Flammability Rating	mm	Epiradiateur CSTB	M1	1.0
Flammability Rating	mm	EN 13501	Bd0S3	2.0

#The density quoted should only be used as a guide. This value can change depending upon the type and quantity of pigments or additives used.

UL 94 V0 Flammability Ratings are only indicative.

## epsotech

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R47
Version 8 23/05/2018

Description
Impact modified PVC (PolyvinyIchloride) has been developed to produce a light weight, tough, flame resistant material. Available in an extensive range of colours and finishes these materials are easy to clean and is resistant to staining, providing a beautiful finish that lasts. (Antimicrobial options are also available).

Applications
Cladding construction, industrial, bumper rails.

Flame Resistance Properties
The product will meet the following criteria:
UL94:
US 476 Part 7, Class 1
Epiradiateur CSTB M1
1.0mm and above.
EV 13823 B6083
2.0mm and above.

## Thickness

 Sheet Size Specifications

 Gauge
 Width

 1 mm – 5 mm
 500 mm – 1500 mm

NB: available sizes may vary depending on gauge, colours, embosses and order size, please ask confirmation to sales department.

Alternative Solutions
epsotech R57 9557: ABS/PVC blended sheet.
epsotech R59M 9559: UL Certified Flame retarded ABS.

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## Additional Information

## Thermoforming Not suitable for thermoforming

Certification/Approvals
The following approvals are only available on request: ROHS: European Legislation 2002/95/EC.

## **Chemical Resistance**

Chemical resistance is influenced by many factors, including concentration, temperature, exposure time and material stress. Therefore the data below should only be used as a guide.

Reagent	Chemical resistance	Reagent	Chemical resistan
Acetone	Not recommended	Brake Fluid	Not recommended
Acid – (Weak)	Good	Butter	Good
Acid – (Strong)	Good	Coffee	Excellent
Alcohol	Good	Detergent	Excellent
Anti-freeze	Excellent	Diesel	Good
Base (Weak)	Excellent	Foodstuffs	Good
Base (Strong)	Good	Lubricating Oil	Very good
Battery Acid	Good	Petrol	Good