

Quick and Easy Guide to the wide range of Whitford coatings

(Whitford makes the world's largest, most complete line of fluoropolymer coatings.)

Here is a simple chart to help guide you through the many branded coatings manufactured by Whitford Worldwide for consumer applications. For more information, please contact your Whitford representative or Whitford (see addresses below).

Which coatings best suit your needs?



1. Excalibur®: "World's toughest, longest-lasting, most durable nonstick", Excalibur is reinforced externally with stainless steel. Sprayed onto a surface at extremely high temperatures, it forms "peaks" and "valleys". Then, several coats of tough nonstick are applied, filling the "valleys" and covering the "peaks", locked into place. Excalibur is the best coating for stainless cookware.



2. Eclipse®: Tests show Eclipse outlasts conventional coatings by a factor of 10. The reason: a unique primer reinforced with a high percentage of materials virtually as hard as diamonds. The midcoat also contains the reinforcing, leaving the topcoat dedicated entirely to "release". Eclipse is ideal for all substrates, particularly aluminium, from smooth to grit-blasted to hard-anodized.



3. QuanTanium®: QuanTanium is "reinforced with titanium to stand up to almost anything". Titanium, the lightest, toughest metal known, is many times harder than the metals used in many applications. While not quite as resistant to wear and abrasion as Eclipse, it far outperforms other coatings.



4. Quantum2®: Quantum2 is Whitford's nonstick "doubly reinforced to outlast all conventional nonsticks". Reinforced internally with hard ceramic particles, it has twice the durability of other conventional nonsticks (that's why the "2" in "Quantum2").



5. Suave®: Whitford's "soft-touch" coatings, Suave offers new dimensions to the aesthetic and tactile possibilities of design. Suave's soft texture provides a firm, comfortable grip to help prevent slipping. It comes in an unlimited range of colours (colour-matching is easy) with good resistance to wear. It is easily applied to phenolic, ABS, melamine, PVC, methacrylates, nylon, aluminium, iron, stainless steel, and cures at low temperatures.



6. Xylan®: Xylan offers a wide range of one-, two- and three-coat conventional nonsticks. These coatings offer a wide variety of performance levels at cost-effective prices. Xylan coatings are perfect for virtually all applications, including cookware, bakeware and kitchen electrics.

How to contact the Whitford office nearest you

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Whitford's Consumer Product Portfolio

Bakeware

Interiors

- 1-, 2-, 3-coats
- Conventional
- Reinforced
 - Internally
 - Externally
- Industrial 4-coats

Exteriors

- 1-, 2-, 3-coats
- Decorative
- Easy-clean
- Nonstick

Typical applications

- Cookie sheets
- Muffin tins
- Cake pans
- Roasters
- Pyrex® glass
- Commercial

Personal care

Coatings

- Functional 1-, 2-, 3-coats
- Decorative 1-, 2-, 3-coats

Typical applications

- Curling irons
- Styling wands
- Crimpers
- Hot wax baths

Kitchen electrics

Interiors

- 1-, 2-, 3-coats
- Conventional
- Reinforced
 - Internally
 - Externally

Exteriors

- 1-, 2-, 3-coats
- Decorative
- Easy-clean
- Nonstick

Typical applications

- Toaster ovens
- Irons
- Waffle makers
- Deep fat fryers
- Roasters
- Woks
- Rice cookers
- Griddles
- Kettles
- Steam-iron chambers

Cookware

Interiors

- 1-, 2-, 3-coats
- Conventional
- Reinforced
 - Internally
 - Externally

Exteriors

- 1-, 2-coats
- Decorative
- Easy-clean
- Nonstick

Typical applications

- Fry pans
- Sauce pans
- Pressure cookers
- Woks
- Grills
- Griddles

Whitford

Specialty

- Anodized look
- Anodized protection*
- Thermochromatic*
- Phenolic handles
- Over porcelain*
- Activ8/Passiv8*
- No-fog glass coating*
- Curtain coating*
- Soft-touch
- Silk-touch
- Screen and pad-printing inks

**Exclusive to Whitford*

Substrates

- Carbon steel
- Aluminized steel
- Tin-free steel
- Stainless steel
- Multi-ply metals
- Rolled aluminium
- Pressed aluminium
- Cast aluminium
- Porcelain enamel
- Many plastics
- Tempered glass

Application methods

Spray

- Conventional
- Electrostatic
- Discomat
- 1-, 2-, 3-coats
 - Interior
 - Exterior
- Cookware
- Bakeware
- Kitchen electrics

Curtain coating

- 1-, 2-, 3-coats
 - Interior
 - Exterior
- Conventional
- Reinforced
- Cookware
- Bakeware
- Kitchen electrics

Coil coating

- 1-, 2-, 3-coats
 - Interior
 - Exterior
- Conventional
- Reinforced

- Cookware
- Bakeware
- Kitchen electrics

Roller coating

- Multicoats (3-5)
 - Interior
 - Exterior
- Conventional
- Reinforced

- Cookware
- Bakeware

Dip/spin coating

- 2-, 3-coats
 - Conventional
 - Reinforced
- Rivets
- Screws

Powder coating

- Kitchen utensils
- Broiler pans
- Racks
- Burner bowls

Screen and pad printing

Whitford Worldwide

Makers of the world's largest, most complete line of fluoropolymer coatings