

SKYSCRAPER (RE-SHARPENABLE) & TOOLS

SEALANT REMOVAL & APPLICATION TOOLS

Technical Data Sheet

Approvals and conformities

AIRBUS	C/Lab 14935/05/A13: Ultem Scraper System
BOEING	BAC5000: POM Scraper System
BOMBARDIER	BAPS 157-028 - P Spec 603: Ultem Scraper System - Application of Polysulphide Type Sealing Materials
BOEING (HELICOPTERS, MESA)	HP5-10: 310, 311 series, 312/4B, 312/5B, 312/6B, 310/1, 309/3, 312/2, 312/3, 312/6, 312/1, 312/10

The **SkyScraper** and **Seat Track Scraper** by Elixair are **approved plastic (POM or ULTEM) scrapers** used as tools in the removal of cured sealant and adhesives. The **fluted SkyScraper can be re-sharpened multiple times** using the **SkyMill Revolution** portable sharpening machine, making it extremely cost effective.

Available with an ergonomic **SkyGrip** handle, the **SkyScraper** is a proven **cost effective and popular asset in the sealant removal process**, and will **not damage or scribe/scratch aircraft substrates or painted surfaces**.

The **SkyScraper** is protected by patents and comes in a range of different sizes and varieties. Composed of different types of plastic, it can accommodate all working environments, including cleaning seat tracks with a specifically designed scraper.

SkyScraper Key Features

- Easy to use and work in conjunction with the **SkyGrip** - an ergonomic interchangeable rubberised grip which is specifically designed to help reduce carpal tunnel syndrome and other injuries caused by repetitive tool use.
- Can help to reduce foreign object damage/debris (FOD) issues.
- Safe alternative to metallic scrapers - will not damage surfaces.
- The fluted **SkyScraper** can be re-sharpened using the SkyMill Revolution and SkyEdgit sharpening devices.
- Quick release interchangeable tools and various length extension handles for ease of use and operator comfort.

Additional Tools & Accessories

In addition to the SkyScraper, we have a variety of tools and accessories for applying sealant, and removing sealant and adhesive tape residues:

- **Seat Track** scrapers are scrapers specifically designed for cleaning seat tracks.
- The **SkyGrip** is an ergonomic interchangeable rubberised grip handle for use with all

1/3

SkyScraper and **Seat Track** scrapers.

- The **SkyTube** is an extension handle designed to fit a **SkyScraper** on one end with a **SkyGrip** on the other end, enabling you to remove sealants and adhesives from high up and difficult to reach places.
- The **SkyCarrier** and **SkyBlade** are used to effectively remove sealant and adhesive tapes. The **SkyBlade** slots into the **SkyCarrier** and is used for those difficult to reach places. The **SkyCarrier** has a quick release interchangeable slot for different sized **SkyBlades**.
- The **SkyExtendable Handle** is an extension handle that reaches 2-4' (61 cm-122 cm) for hard to reach places.
- Two **SkyExtendable Handle Adaptors**, specially designed tools that enable a **SkyScraper (adaptor: 312/11)** and a **SkyCarrier (adaptor: 312/12)** to be fitted onto the SkyExtendable Handle, are also available.
- The **SkyViz** is a UV clip that attaches to SkyScrapers. It will fluoresce under light for easy detection in wing tanks, etc.
- The **SkyPlane** is a comfortable handle for use with SkyScrapers. It absorbs pressure during the sealant removal process, helping to prevent carpal tunnel syndrome.
- Use the **SkySpreader**, **SkySpatula** and **SkySmoother** for the easy application of sealants, adhesives and liquid shim materials.

For further information, please see the *Sealant Removal brochure*.

DIRECTIONS FOR USE

Do not heat above 230°C. Avoid contact with strong acids, bases and oxidizing agents.

TECHNICAL CHARACTERISTICS

Scrapers & Tools

Product	Former Elixair Part No.	Material	Spec
SkyScraper	310/37	Ultem	37mm width (1.4")
SkyScraper	310/25	Ultem	25mm width (0.98")
SkyScraper	310/14	Ultem	14mm width (0.55")
SkyScraper	310/03	Ultem	3mm width (0.12")
SkyScraper	311/37	POM	37mm width (1.4")
SkyScraper	311/25	POM	25mm width (0.98")
SkyScraper	311/14	POM	14mm width (0.55")
SkyScraper	311/03	POM	3mm width (0.12")
SkyScraper Seat Track Profile	313/1	Ultem	Airbus Profile
SkyScraper Seat Track Profile	313/2	POM	Airbus Profile
SkyScraper Seat Track Profile	313/3	Ultem	Boeing Profile
SkyScraper Seat Track Profile	313/4	POM	Boeing Profile
SkyBlade	312/2B	Ultem	50.8mm (2")
SkyBlade	312/3B	Ultem	101.6mm (4")
SkyBlade	312/4B	Peek	50.8mm (2")
SkyBlade	312/5B	Peek	101.6mm (4")
SkyBlade	312/6B	Peek	152.4mm (6")
SkySpatula	401/10	Polypropylene	241.3mm (9.5")
SkySpatula	401/11	Glass-filled nylon	190.5mm (7.25")
SkySpreader	309/1	Peek	Rigid
SkySpreader	309/2	Ultem	Soft
SkySmoother	402/10	Polypropylene	Fluorescent

**all of above packaged in box of 50*

Accessories (Handles & Carriers)

Accessory	Former Elixair Part No.	Description
SkyCarrier	312/2	For use in conjunction with 50.8mm (2") SkyBlade
SkyCarrier	312/3	For use in conjunction with 101.6mm (4") SkyBlade
SkyCarrier	312/6	For use in conjunction with 152.4mm (6") SkyBlade
SkyGrip	310/1	Ergonomic handle attachment for SkyScrapers
SkyTube	312/1	Ergonomic handle attachment for SkyScrapers + SkyGrip
SkyExtendable Handle	312/10	Extendable handle attachment for SkyScrapers & SkyCarriers (2-4ft)
SkyExtendable Handle Adaptor for SkyScrapers	312/11	Adaptor attachment for the SkyExtendable Handle
SkyExtendable Handle Adaptor for SkyCarriers	312/12	Adaptor attachment for the SkyExtendable Handle
SkyViz	310/2	Anti-FOD UV fluorescent clip that attaches to the SkyScraper
SkyPlane	617-1	Comfortable rubber handle for use with SkyScrapers to help prevent carpal tunnel syndrome

PRECAUTIONS FOR USE AND STORAGE

Store in a cool, dry place in original packaging. Avoid extreme temperatures.

For professional use only.

This technical data sheet replaces and cancels the previous one.

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