

15 COMPANY PROFILE

DOKEN Co., Ltd. DOKEN



Address	1-2 Domeki Hitokuwada, Shinshiro, Aichi 441-1338, Japan
Tel	+81-536-24-5100
Email	sales@doken.biz
Website	www.doken.biz
Contact Person	(Production department) Daigo Ando (Sales department) Eiji Ohishi
Capability Category	<ul style="list-style-type: none"> ·Machining (5-axis, 3-axis large NC router machining) ·Materials, composite materials (forming of polycarbonate, composite of different plastics) ·Surface treatment (hard coat solution manufacturing and surface treatment) ·Design (product design, production mold design) ·Inspection (performance test, evaluation, safety standard certification acquisition) ·R & D (silicone hard coat sol-gel solution) ·Others (big size silk printing, autoclave bonding)
Representative	Hideyo Ando, President
Sales Amount	JPY 844 million
Capital	JPY 100 million
Employees	53
Established	May 1985
Certification	DOT-875, ECE-43R, VSTD 25-3
Major Customers	Toyota, Toyota Industries Corp., Toyota Boshoku Toyota Auto Body, Toyota C&D, Teijin, Mitsubishi HI Kawasaki, Honda, Yamaha, Suzuki, Nismo, Aichi Police National Police, Metropolitan Police, Government office

■ Office & Plants

(Head factory) 1-2 Domeki Hitokuwada, 441-1338 Shinshiro city, Aichi Japan

■ Business Overview

"In the fields of next-generation Automobiles, high-speed Trains, Aircrafts, Ships, are being promoted plastic windows, which are lighter than glass windows. The plastic windows are used polycarbonate(PC) plastic material, which is strong and has excellent transparency, but PC is inferior in surface hardness to glass and is easily scratched, and it is deteriorated by the ultraviolet rays of sunlight. Therefore, we have applied a hard coat to the surface with functions such as scratch resistance and weather resistance for practical use. We manufacture designs, jigs and molds by ourselves, have our own brand SARCoat® silicone hard coat sol-gel solution, and carry out all our own molding and surface treatment to produce plastic windows."

■ Products • Materials • Part Sizes • Facilities & Equipment

【Products category】

· Car window, Shinkansen window, Cabin roof window, Motorcycle windscreen, Security shield

【Plastics material】

· Polycarbonate (PC), Acrylic (PMMA), PC & PMMA Composite panel

【Facilities processable size】

- Heat Press Forming [processable max. size 2,500x1500mm]
- Injection Molding [mold tightening force 650tons]
- NC Router 5 axes type [processable max. size 2,400x1600mm]
- Dip coating type Hardcoat Line [processable max. size L1500xD1300xW300mm]
- Flow coating type Hardcoat Line [processable max. size 2400x1400mm]



"e-Palette" in TOKYO 2020 Olympic Village



EV "e-APM" with wheelchair slope in TOKYO 2020 Paralympics



Shinkansen guest room window

■ Our Strength

"Large plastic windows can be formed transparently and without distortion, and we can consistently perform from development and formulation of silicone hard coat, which is hard and scratch resistant. For plastic windows, we have obtained certifications such as the American automobile safety certification standard DOT, also the European product safety certification standard ECE."

■ Needs we can correspond / Business partners we want

"Develop, Design, Prototype, and Mass-produce for transparent and lightweight plastic windows. Various evaluation test equipment are able to obtain quality assurance and certification."