

HYUCHEM PLUS Co., Ltd. Company Profile

For technical advisory matching under the 2027 Japan Expert Technical Guidance Program

HYUCHEM PLUS develops and manufactures functional coatings and adhesives based on inorganic ceramic binders. This application focuses on substrate adhesion, coating application conditions and film evaluation for existing inorganic coating products.

Company information	Details
Korean legal name	휴켄플러스 주식회사
Business registration	185-86-00533
Business commencement	17 December 2016
Location	Gimpo, Gyeonggi Province, Republic of Korea
2025 revenue	KRW 3,462,441,469 / National Tax Service financial certificate

Business focus

The company works on coatings and adhesives for industrial equipment and component surfaces. Its product development covers heat insulation, radiative heat dissipation and noncombustible coating applications. Performance must be evaluated for each formulation, substrate and operating environment.

Requested technical guidance

We seek support from expert No. 202 in evaluating substrate adhesion and coating films, comparing pretreatment and application conditions, and defining inspection procedures. Our existing binder system is inorganic. We would first confirm the applicability of the expert's coating, adhesion and film-evaluation experience; a switch to silicone or fluoropolymer formulations is not assumed.

Expected outputs and cooperation

The proposed outputs are a substrate and process-condition matrix, a film-evaluation protocol, and application and inspection procedures. Quantitative criteria will be agreed after baseline assessment. We will provide relevant product information and samples, carry out controlled trials and review their results with the expert.